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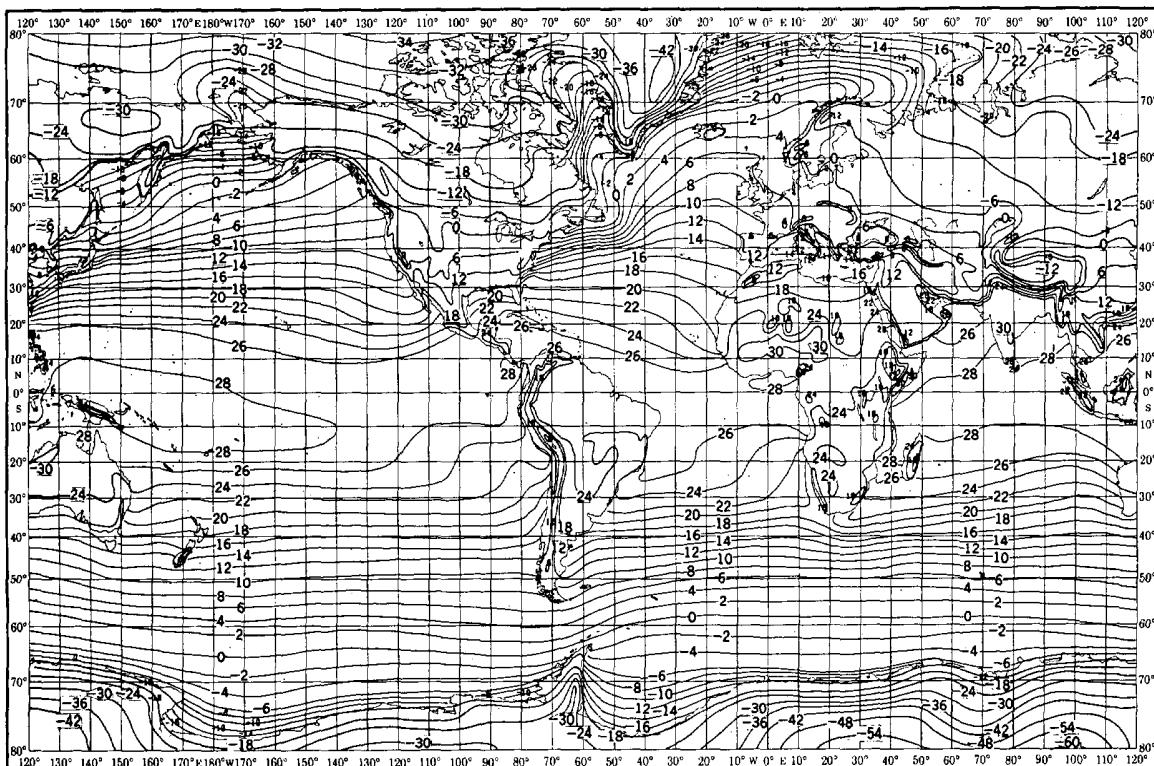


# MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE  
WORLD METEOROLOGICAL ORGANIZATION

MARCH

LONG TERM MEAN SURFACE AIR TEMPERATURE (°C)



## PREFACE

Monthly Climatic Data for the World (MCDW) is a publication of monthly summary climatic data from around the world. Data are prepared by Members of the World Meteorological Organization (WMO) for selected stations and exchanged monthly via international telecommunications under provisions of the WMO Technical Regulations, WMO Publications No. 306 (Manual on Codes) and No. 386 (Manual on the Global Telecommunications System). Data used in MCDW are translated from CLIMAT, CLIMAT SHIP, CLIMAT TEMP and CLIMAT TEMP SHIP codes. WMO No. 9 (Weather Reporting), Vol. A - Stations indicates stations that report in these codes. MCDW is sponsored by the WMO in accordance with Resolution 27 of the Second World Meteorological Congress, 1955. Percent of average sunshine was authorized during the Fourth Session [Stockholm 1965] of the WMO Commission for Climatology and recorded in the General Summary of the Report - WMO NO.177.RP.65. It is published by the United States National Oceanic and Atmospheric Administration.

## REFERENCE NOTES

Names of countries (areas) and stations are those used in WMO Publication No. 9, Vol. A - Stations, except that long names may be shortened. Only those stations authorized as contributors by the WMO in VOLUME A are published. "Means" and "totals" mentioned below are monthly summary means and totals. Units abbreviations: celcius = °C, degrees = °, geopotential meters = gpm, meters = m, millibars (hectopascals) = mb, millimeters = mm, minutes = ', percent = %.

The long term surface data averages required for these tables were calculated for 1951 - 1980 from data received at the National Climatic Data Center during those years. Six years of data were considered to be the minimum for calculations.

Departures are differences between data and the averages for that month. Precipitation departure of "T" or "-T" indicates a difference less than 0.5 mm from average.

Provisional upper air normals, although not published in this bulletin, can be obtained from WMO Pub. No. 170. A description of procedures used by Members appeared in Monthly Climatic Data for the World, 1967 Supplement -- computation of CLIMAT TEMP values.

Late reports and corrections are published when received, except that data more than five years old are not published. The Corrections sections include corrections to past data. In these, "M" indicates the data should be deleted. Some late reports of pre-1987 data may appear in the Corrections sections, beginning in the January 1987 issue. This may continue in later issues until pre-1987 data are no longer received or until they become five years old.

The data received by the publisher often contain errors. A reasonable effort is made to correct errors; but some may appear in the publication, especially if the errors are subtle or were part of a large group of errors.

A new section, the station list, appears at the back of the publication. In January and July, all CLIMAT and CLIMAT TEMP stations from WMO Pub. No. 9, Vol. A are listed. This is the complete published station set. In other months, the list contains only those stations from which data no more than two months old have been recently received.

## SURFACE DATA TABLES

DAYS OBS.:	The number of days on which observations were taken.
PRESSURE:	Mean station pressure at station level and sea level in tenths of mb. In the sea level pressure column, Y or Z indicates the number is the mean height in gpm of the 850 mb or 700 mb pressure surface, respectively.
TEMPERATURE:	Mean temperature and departure from average value in °C. "S" indicates sea surface temperature.
DAYS 1 MM:	The number of days on which precipitation was 1 mm or more.
PRECIPITATION:	Total precipitation and departure from average in mm. "T" indicates an amount less than 0.5 mm.
QUINTILE:	Frequency group of precipitation totals. Group numbers are 0 - 6. Groups 0 and 6 are for totals less than and greater than any recorded in the 1951 - 1980 reference period.
% OF AV.:	Sunshine total hours expressed as a percentage of long-term average.

In January 1987, the "Sunshine" column was changed to include both total sunshine in hours and the percentage of long-term average.

Included in this publication on an interim basis are a group of US surface stations that are not in WMO No. 9. These stations will be sponsored as CLIMAT stations in the near future.

## UPPER AIR DATA TABLES

HEIGHT:	Mean height of pressure surfaces in gpm. Asterisk (*) indicates station elevation.
WIND:	Direction of mean vector wind in degrees, speed in mps. Double asterisk (**) is wind speed < 0.5 mps.
STEADINESS:	When number of missing days equals 9, nine or more days are missing.
OB:	Ratio of mean vector wind speed to mean scalar wind speed.

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	MM	% OF AV.	
EUROPE	0°	0°	0	3	mb	mb	°C	°C	mb	mb	3	Total	mm	%	
NORWAY															
JAN MAYEN	7056N	00840W	9	1010.5	1011.7	-4.2	1.6	4.1	0.7	19	74	20	5		
SVALBARD LUFTHAVN	7815N	01528E	29	1015.3	1019.1	-13.8	1.6	5	24						
TROMSO/LANGNES	6941N	01855E	10	1016.3	1017.5	-3.3	-1.2	3.1	-0.8	4	23	-66	1		
BJORNOYA	7431N	01901E	14	1017.9	1019.7	-5.7	1.9	3.9	0.7	2	9	-18	0		
VARDO	7022N	03106E	15	1018.8	1020.6	-4.4	-0.7	4.0	-0.2	9	34	1	3		
BODO VI	6716N	01422E	13	1014.0	1015.6	-2.1	-1.5	3.3	-1.0	4	10	-69	0		
ORLAND III	6342N	00936E	7	1012.0	1013.2	-0.5	-1.7	4.1	-0.7	3	10	-60	0		
OSLO/GARDERMOEN	6012N	01105E	204	991.5	1017.1	-6.6	-3.9	3.0	-1.0	12	91	51	5		
STAVANGER/SOLA	5853N	00538E	9	1012.6	1013.7	0.3	-2.1	4.6	-0.7	6	42	-14	3		
SWEDEN															
KARESUANDO	6827N	02230E	327		1020.5	-12.5	-2.6	2.3	-0.5	9	34	13	5		
GUNNARN	6501N	01741E	281		1019.3	-9.7		2.5		12	41		5		
HAPARANDA	6550N	02409E	6		1021.8	-9.1	-2.0	2.8	-0.8	8	42	13	5		
OSTERSUND/FROSON	6311N	01430E	366		1018.2	-7.1	-3.4	2.8	-1.1	4	18	-6	2		
HARNOSAND	6238N	01757E	8		1019.6	-6.7	-4.1	3.4	-0.9	7	31	-4	3		
KARLSTAD FLYGPLATS	5922N	01328E	55		1018.5	-6.0	-4.7	3.5	-1.1	8	60	33	5		
STOCKHOLM/BROMMA	5921N	01757E	11		1019.6	-4.0	-3.6	4.0	-0.8	5	22	-1	3		
GOTEBOURG/SAVE	5747N	01153E	53		1016.8	-2.3	-3.5	4.2	-1.2	8	51	12	4		
JONKOPING FLYGPLATS	5746N	01405E	232		1017.5	-5.4	-6.0	3.6	-1.3	6	30	-1	3		
VISBY FLYGPLATS	5740N	01821E	47		1019.0	-3.6	-3.8	4.4	-0.8	4	19	-12	2		
FINLAND															
SODANKYLA	6722N	02639E	179	998.6	1022.1	-9.9	-1.1	2.9	0.0	10	39	18	5		
KAJANI	6417N	02741E	136	1004.4	1022.2	-8.8	-1.9	3.1	-0.3	7	18	-4	2		
VAASA	6303N	02146E	4	1019.0	1020.1	-7.3	-3.0	3.2	-0.9	7	21	0	3		
JYVASKYLA	6224N	02541E	145	1002.4	1021.2	-7.6	-2.3	3.0	-0.8	6	22	-6	2		
JKIOINEN	6049N	02330E	103	1007.4	1020.8	-6.8	-2.6	3.4	-0.7	5	13	-8	2		
TURKU	6031N	02216E	59	1013.0	1020.6	-5.8	-2.5	3.4	-0.9	6	28	4	4		
HELSINKI-VANTAA	6019N	02458E	56	1012.8	1020.1	-6.2	-2.9	3.5	-0.7	7	28	-2	3		
UNITED KINGDOM															
LERWICK	6008N	00111W	84	999.7	1009.9	2.7	-1.2	6.0	-0.9	19	188	99	5	81	90
STORNOWAY	5813N	00619W	13	1008.1	1009.9	3.9	-1.5	6.5	-1.1	22	141	61	5	117	108
ABERDEEN/DYCE	5712N	00213W	65	1003.4	1011.4	3.5	-0.9	6.4	-0.2	16	102	47	5	118	109
TIREE	5630N	00653W	12	1010.0	1011.1	4.6	-1.4	7.0	-0.9	23	181	104	6	103	90
EDINBURGH AIRPORT	5557N	00321W	41	1007.8	1012.3	4.0	-1.2	6.3	-0.7	11	56	14	4	115	125
ESKDALEMUIR	5519N	00312W	242	982.9	1012.9	2.3	-1.2	6.1	-0.4	17	173	72	5	97	102
LEEMING	5418N	00132W	40	1010.2	1014.3	4.1	-1.3	6.4	-0.8	10	69	21	5	93	
VALLEY	5315N	00432W	11	1012.2	1013.6	5.8	-0.6	7.4	-0.4	15	94	39	5	124	95
MANCHESTER AIRPORT	5321N	00216W	78	1004.6	1014.0	4.5	-1.2	6.5	-0.5	13	73	22	5	104	105
WADDINGTON	5310N	00031W	70	1005.9	1014.7	3.9	-1.4	6.4	-0.8	13	66	23	5	107	97
BIRMINGHAM/AIRPORT	5227N	00144W	99	1002.7	1015.0	4.0	-1.3	6.5	-0.7	12	50	-2	3	107	110
CARDIFF-WALES AIRPORT	5124N	00321W	67	1007.5	1015.5	4.9	-0.9	7.4	-0.3	12	88	21	4	108	
LONDON/GATWICK AIRPORT	5109N	00011W	62	1008.8	1016.0	4.4	-1.2	6.6	-0.9	10	58	1	3	110	
PLYMOUTH/MOUNT BATTEN	5021N	00407W	27	1013.0	1016.4	6.1	-0.9	7.7	-0.6	12	97	14	4	129	97
BOURNEMOUTH AIRPORT	5047N	00150W	11	1014.7	1016.1	5.0	-1.0	7.0	-0.8	11	88	29	4	124	
BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81	1004.2	1012.7	4.8	-0.7	7.1	-0.2	15	84	29	5	81	78
IRELAND															
VALENTIA OBSERVATORY	5156N	01015W	14	1012.5	1014.2	7.4	-0.3	8.7	0.4	17	125	10	3	86	80
CORK AIRPORT	5151N	00829W	162	994.4	1014.3	5.8	-0.3	8.1	0.3	18	131	43	5	102	
SHANNON AIRPORT	5242N	00855W	20	1011.4	1013.8	6.6	-0.4	8.0	0.0	14	67	5	3	92	85
DUBLIN AIRPORT	5326N	00615W	85	1002.8	1013.3	5.4	-0.8	7.4	-0.1	13	57	7	4	89	80
BELMULLET	5414N	01000W	10	1011.3	1012.5	5.9	-0.9	7.7	-0.3	20	119	33	5	88	75
MALIN HEAD	5522N	00720W	25	1008.6	1011.7	5.4	-1.0	7.4	-0.2	18	101	27	5	82	75
ICELAND															
KEFLAVIK	6358N	02236W	54	998.2	1004.9	0.3	-1.1	5.4	-0.7	15	148	55	5		
REYKJAVIK	6408N	02154W	61	997.5	1005.1	0.4	-0.6	5.0	-0.9	17	100	27	4	99	93
AKUREYRI	6541N	01805W	27	1003.3	1006.8	-0.3	0.6	4.7	-0.3	15	41	-1	3	74	97
HJARDARNES	6415N	01511W	12	1004.8	1006.1	1.1	-0.2	5.2	-0.4	15	92	-26	2		
DENMARK															
EGEDESMINDE	6842N	05245W	47	1009.7	1016.1	-17.0	-1.5	1.4	-0.1	2	5	-15	1		

EUROPE-DENMARK

## SURFACE

MARCH 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE			
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MM	TOTAL	MM	% OF AV.		
EUROPE	0°	0°	m	mb	mb	mb	°C	°C	mb	mb	mm	mm	mm	%		
DENMARK																
GODTHAB	6410N	05145W	48	1010.1	1013.7	-8.7	-1.6	2.3	-0.5	6	19	-26	2			
DANMARKSHAVN	7646N	01840W	12	1019.8	1021.5	-23.4	-0.2	0.6	-0.1	8	18	-5	4			
ANGMAGSSALIK	6536N	03738W	52	1002.8	1007.4	-6.5	0.8	3.0	0.3	12	77	-27	3			
THORSHAVN	6201N	00646W	39	1004.5	1007.5	3.1	-1.0	6.8	-0.3	24	223	107	5			
ALBORG	5706N	00952E	3	1015.4	1015.8	-2.9	-4.5	4.3	-1.6	9	33	1	3			
KOBENHAVN/LANDBOHOJSKOLEN	5541N	01233E	9	1016.4	1017.0	-1.2	-3.4	4.7	-1.5	9	30	-5	3			
RONNE	5504N	01445E	16	1015.9	1018.0	-2.3		4.7		4	13		1			
NETHERLANDS																
DE BILT	5206N	00511E	4	1015.6	1016.1	2.3	-2.5	5.9	-1.1	11	86	34	5	134	105	
BELGIUM																
UCCLE	5048N	00421E	104	1003.5	1016.0	3.1	-2.6	5.9	-1.4	15	102	41	5			
LUXEMBOURG																
LUXEMBOURG/LUXEMBOURG	4937N	00613E	379	970.9	1017.6	0.9	-3.7	5.2	-1.6	13	77	20	4	154	125	
SWITZERLAND/LIECHTENSTEIN																
ZURICH (TOWN/VILLE)	4723N	00834E	569	950.4	1019.7	1.0	-3.5	5.1	-1.0	15	64	-5	3	108	72	
SAENTIS	4715N	00921E	2500	742.3	2950	-10.8	-3.7	2.3	-0.5	16	193	47	4	120	72	
GENEVE-COINTRIN	4615N	00608E	416	968.6	1019.2	3.6	-1.8	5.3	-1.0	9	46	-28	2	84	50	
LUGANO	4600N	00858E	276	982.8	1016.5	5.2	-2.2	5.2	-1.8	4	26	-86	1	168	98	
FRANCE																
CHERBOURG	4939N	00128W	138	999.4	1016.5	4.9	-1.3	7.0	-0.8	14	79	4	3	122		
BREST/GUIPAVAS	4827N	00425W	103	1004.6	1017.3	6.7	-0.7	7.8	-0.6	17	96	0	3	136	87	
PARIS/LE BOURGET	4858N	00227E	65	1008.8	1016.9	4.5	-2.1	7.0	-0.6	14	62	19	5	116	81	
NANCY/ESSEY	4841N	00613E	217	991.5	1018.4	2.6	-2.6	5.4	-1.6	9	65	12	4	152	97	
STRASBOURG	4833N	00738E	154	998.9	1018.0	3.1	-2.5	5.6	-1.4	9	33	-1	4	142	90	
NANTES	4710N	00136W	27	1015.4	1018.7	6.8	-1.1	8.1	-0.5	10	76	11	3	138	89	
BOURGES	4704N	00222E	166	997.8	1018.3	4.5	-2.5	6.4	-1.1	10	44	-14	2	118	79	
DIJON	4716N	00505E	227	990.4	1018.4	3.8	-2.7	6.4	-0.8	8	43	-10	2	139	75	
LIMOGES	4552N	00111E	402	970.1	1019.1	4.3	-1.9	6.6	-0.7	12	70	-18	2	117	70	
LYON/BRON	4543N	00457E	201	994.1	1018.8	5.3	-1.8	6.4	-1.1	6	29	-34	2	123	70	
BORDEAUX/MERIGNAC	4450N	00042W	61	1011.7	1019.2	7.9	-0.7	9.1	0.6	12	76	2	3	125	73	
TOULOUSE/BLAGNAC	4338N	00122E	153	1001.0	1019.7	7.7	-0.8	8.5	0.1	11	73	16	4	127	69	
NIMES/COURBESSAC	4352N	00424E	62	1010.4	1018.1	7.9	-1.7	6.9	-0.8	8	53	-12	3	180	90	
MARSEILLE/MARIGNANE	4327N	00513E	36	1012.4	1016.9	8.0	-2.0	7.4	-1.0	5	37	-7	3	201	96	
NICE	4339N	00712E	10	1014.4	1015.6	9.2	-1.3	7.3	-1.7	9	23	-59	1	163	82	
PERPIGNAN	4244N	00252E	48	1012.6	1018.5	10.0	-0.8	7.9	-0.3	6	68	14	4	154	71	
AJACCIO	4155N	00848E	9	1014.6	1015.3	8.4	-1.7	8.2	-1.9	8	41	-18	2	156	78	
SPAIN																
LA CORUNA	4322N	00825W	67	31	1011.6	1019.7	12.3	1.1	10.5	0.4	11	76	-22	2	131	90
VALLADOLID	4139N	00446W	735	31	933.1	1019.5	9.2	1.5	7.4	0.9	9	20	-24	1	208	115
ZARAGOZA/AEROPUERTO	4140N	00101W	258	31	987.0	1018.6	10.9	0.5	8.3	0.3	2	5	-26	1	95	
BARCELONA/AEROPUERTO	4117N	00204E	6	31	1016.2	1017.0	11.4	0.3	10.2	2.8	6	37	-16	3	216	85
MADRID	4025N	00341W	667	31	942.3	1019.6	11.5	1.8	7.8	0.7	4	7	-34	1	216	115
PALMA DE MALLORCA/SON SAN J.	3933N	00244E	8	31	1017.2	1018.1	10.2	-4.2	10.5	0.6	4	28	-134	0	95	
MENORCA/MAHON	3952N	00414E	82	31	1007.9	1017.9	10.8	-1.1	9.8	-0.4	8	36	-15	2	192	105
BADAJOZ	3853N	00658W	195	31	998.1	1019.3	12.9	0.7	11.1	1.6	2	5	-57	1	225	115
ALICANTE	3822N	00030W	82	31	1008.8	1018.5	14.6	0.6	10.7	1.2	1	1	-23	1	246	115
SEVILLA/TABLADA	3722N	00600W	14	31	1016.2	1017.9	15.6	1.8	12.7	2.0	2	18	-57	1	233	125
ALMERIA/AEROPUERTO	3651N	00223W	21	31	1014.9	1017.3	15.9	1.7	11.0	0.7	0	0	-23	0	100	
GIBRALTAR																
GIBRALTAR	3609N	00521W	5		1018.6	1019.0	16.3	1.5	12.2	0.5	0	T	-98	1	196	101
PORTUGAL																
HORTA (ACORES)	3831N	02838W	62	31	1010.6	1018.0	14.6	0.3	13.4	0.2	17	191	69	5	70	
PONTA DELGADA (ACORES)	3745N	02540W	36	31	1014.0	1018.3	15.6	1.2	15.3	2.3	18	100	-5	3	80	
SANTA MARIA (ACORES)	3658N	02510W	100	31	1006.7	1018.8	15.4	0.9	13.8	1.5	14	84	8	4		
LISBOA	3843N	00909W	95	31	1009.4	1020.7	15.6	2.0	11.6	0.1	3	31	-78	1	110	
PORTO/SERRA DO PILAR	4108N	00836W	100	31	1007.4	1019.4	12.4	0.5	10.8	0.2	10	99	-48	2	110	

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE		
EUROPE	0°	0°	3	mb	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%	
GERMAN DEMOCRATIC REPUBLIC																
WARNEMUENDE	5411N	01205E	10	1016.3	1017.6	-0.4	-3.0	4.8	-1.7	6	22	-15	2	138	100	
GREIFSWALD	5406N	01324E	6	1017.1	1017.9	-1.2	-3.4	4.7	-1.5	9	25	-9	2	142	100	
POTSDAM	5223N	01304E	100	1005.7	1018.4	-0.3	-3.5	4.6	-1.5	11	31	-3	3	160	110	
LINDENBERG	5213N	01407E	112	1004.2	1018.4	-0.3	-3.2	4.7	-1.4	8	36	5	3	158	105	
LEIPZIG-SCHKEUDITZ	5125N	01214E	133	1001.7	1018.5	-0.7	-4.3	5.0	-1.6	5	27	-8	2	132	110	
DRESDEN-KLOTZSCHE	5108N	01347E	226	990.2	1018.8	-0.8	-4.9	4.6	-2.0	7	31	-13	2	128	95	
GOERLITZ	5110N	01457E	238	988.9	1019.0	-1.1	-3.7	4.7	-1.4	8	26	-13	2	143	100	
MEININGEN	5034N	01023E	453	962.1	1018.7	-2.2		4.2		12	77			135		
ERFURT-BINDERSLEBEN	5059N	01058E	323	978.2	1019.0	-2.5	-5.3	4.5	-1.7	9	50	18	5	135	105	
FICHTELBERG	5026N	01257E	1215	873.7	1428	Y	-7.3	-4.7	3.5	-1.3	13	66	-20	3	112	95
GERMANY, FEDERAL REPUBLIC OF																
SCHLESWIG	5432N	00933E	48	1010.6	1016.6	-0.6	-3.1	5.1	-1.2	12	54	7	4	128	100	
HAMBURG-FUHLSBUETTEL	5338N	01000E	16	1014.8	1016.9	0.4	-2.9	5.1	-1.3	6	31	-13	3	136	104	
EMDEN-HAFEN	5321N	00712E	12	1010.1	1016.1	0.5	-3.4	5.4	-1.3	9	58	12	4	148	130	
HANNOVER	5228N	00942E	54	1010.7	1017.5	-0.5	-4.2	5.1	-1.4	13	62	22	5	142	118	
BERLIN-TEMPELHOF	5228N	01324E	49	1011.9	1018.1	0.5	-3.3	4.8	-1.2	8	27	-6	3	148		
ESSEN	5124N	00658E	161	996.6	1016.7	1.9	-3.1	5.7	-1.1	15	132	74	5	150	126	
KASSEL	5118N	00927E	233	998.3	1017.4	-0.4	-4.8	4.9	-1.5	13	74	30	5	145	106	
GEISENHHEIM	4959N	00757E	120	1002.2	1017.2	2.6	-3.0	5.3	-1.4	12	45	11	4	165	116	
STUTTGART-SCHNARRENBERG	4850N	00912E	311	979.9	1018.3	2.0	-3.1	5.2	-1.2	7	34	-6	3	163		
NUERNBERG	4930N	01105E	312	979.7	1018.9	-0.3	-4.1	4.7	-1.5	10	72	30	5	143	93	
MUENCHEN-RIEM	4808N	01142E	529	954.8	1019.8	-0.5	-3.8	4.9	-1.2	15	75	22	5	150	110	
KONSTANZ	4741N	00911E	447	963.9	1018.7	1.5		5.2		12	59	5	132	100		
ZUGSPITZE	4725N	01059E	2962	698.3	2943	Z	-14.6	-4.7	1.9	-0.4	21	296	126	5	130	79
AUSTRIA																
ST. POELTEN	4812N	01537E	282	984.8	1019.5	-1.4	-5.2	4.0	-2.2	6	57	14	4	140	110	
WIEN/HOHE WARTE	4815N	01622E	209	993.1	1018.6	0.3	-4.4	4.4	-2.4	7	52	6	4	141	102	
INNSBRUCK-FLUGHAFEN	4716N	01121E	598	946.8	1018.1	1.2	-3.4	4.7	-0.7	9	93	46	5	138	85	
SONNBLICK	4703N	01257E	3107	684.9	2932	Z	-15.8	-4.5	1.5	-0.8	18	215	83	5	145	99
SALZBURG-FLUGHAFEN	4748N	01300E	450	965.4	1018.7	0.1	-3.7	4.5	-1.6	12	92	25	4	139	99	
KLAGENFURT-FLUGHAFEN	4639N	01420E	452	963.2	1018.7	-2.3	-5.5	3.7	-2.1	6	63	12	4	158	96	
GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347	976.4	1018.8	-1.6	-5.3	4.1	-2.2	5	52	3	4	138	91	
POLAND																
LEBA	5445N	01732E	2	1017.8	1018.1	-1.8		4.5		5	18					
ELBLAG	5410N	01926E	43	1013.7	1019.2	-2.8		4.2		7	37					
SZCZECIN	5324N	01437E	3	1017.1	1018.0	-0.9	-3.4	4.6	-1.5	4	15	-13	2			
BIALYSTOK	5306N	02310E	151	1000.6	1020.0	-4.3	-4.0	4.0	-1.2	7	26	-4	4	129	90	
POZNAN	5225N	01650E	92	1007.8	1018.5	-1.5	-3.6	4.5	-1.4	5	18	-8	2	109	82	
WARSZAWA-OKCIE	5210N	02058E	107	1005.9	1019.5	-2.2	-3.5	4.3	-1.4	6	23	0	3			
WROCŁAW II	5106N	01653E	121	1003.6	1019.0	-0.8	-3.5	4.7	-1.5	6	12	-15	1	116	94	
WLODAWA	5133N	02332E	179	997.1	1019.9	-4.2		4.2		8	44					
PRZEMYSŁ	4948N	02246E	280	984.2	1019.7	-3.1	-4.9	4.4	-1.2	11	54	23	5			
HUNGARY																
MISKOLC	4808N	02048E	119	1002.7	1018.2	-0.8	-5.0	4.8	-1.5	7	64	34	5	132	95	
BUDAPEST-METEOROLOGIA	4731N	01902E	129	1002.0	1018.2	1.1	-5.1	4.5	-1.9	7	55	21	5	120	86	
BUDAPEST-LORINC	4726N	01911E	139	1000.2	1017.7	0.8	-4.5	5.0	-1.5	7	48	22	5	130	90	
DEBRECEN	4729N	02138E	112	1003.1	1018.0	0.4	-4.3	5.0	-1.9	7	60	30	5	136	90	
PECS	4600N	01814E	203	992.7	1018.0	0.1	-5.4	5.1	-1.6	9	39	4	4	143	100	
SZEGED	4615N	02006E	83	1007.6	1018.0	0.4	-5.2	5.3	-1.6	6	37	10	5	127	85	
YUGOSLAVIA																
LJUBLJANA/BEZIGRAD	4604N	01431E	316	979.1	1018.2	1.1		4.8		6	76	4	157	130		
ZAGREB/GRIC	4549N	01559E	162	997.8	1018.0	2.6	-4.2	4.5	-2.3	6	38	-16	2	117	85	
BEOGRAD	4448N	02028E	132	1001.4	1017.5	1.6	-5.0	5.0	-1.4	10	72	26	5	105	75	
SPLIT/MARJAN	4331N	01626E	128	999.3	1015.0	6.0	-4.4	4.0	-3.8	6	33	-34	2	192		
SARAJEVO	4352N	01826E	637	940.6	1017.7	-0.4	-5.4	8.8	3.1	15	84	22	4	110	85	
TITOGRAD/GOLUBOVCI	4222N	01915E	33	1008.7	1014.9	5.7	-4.0	5.4	-1.4	7	191	43	4	123	70	
SKOPJE-PETROVAC	4158N	02139E	239	987.1	1017.0	2.5	-4.6	5.7	-1.4	8	86	44	5			
ROMANIA																
BISTRITA	4709N	02431E	367	972.6	1018.3	-1.2	-4.2	4.9	-1.0	4	18	-15	2	150		

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE		
EUROPE	0°	0°	8	mb	mb	mb	°C	°C	mb	mb	mb	mb	mb	hr	%	
ROMANIA																
IASI	4710N	02738E	104	1006.2	1019.2	-2.3	-4.7	4.6	-1.5	4	11	-17	2	139	110	
CLUJ-NAPOCA	4647N	02334E	413	966.5	1017.6	-1.2	-4.5	4.9	-0.8	5	24	2	4	167	110	
TIMISOARA	4546N	02115E	88	1007.3	1018.4	0.5	-5.0	5.4	-1.6	9	63	28	5	132	100	
SIBIU	4548N	02409E	444	963.0	1018.2	-2.0	-5.8	4.7	-1.4	5	28	-2	3	113	75	
SULINA	4509N	02940E	9	1016.9	1018.1	-1.4	-5.1	5.4	-1.8	2	3	-14	1	101	75	
BULGARIA																
LOM	4349N	02315E	33	1014.0	1018.0	1.7	-4.8	6.0	6	48	2	3	96			
VARNA	4312N	02755E	43	1012.7	1018.1	0.3	-6.1	5.2	4	16	-19	2	116			
SOFIA (OBSERV.)	4239N	02323E	595	945.1	1017.3	0.1	-4.3	4.7	4	24	-15	2	107			
BURGAS	4229N	02729E	28	1014.2	1017.7	1.1	-5.2	5.6	2	10	-42	1	135			
ITALY																
UDINE/RIVOLTO	4559N	01302E	53	1010.2	1016.8	4.0	-4.1	5.2	-2.5	4	39	-73	2	169		
VERONA/VILLAFRANCA	4523N	01052E	68	1008.5	1017.0	4.3	-3.7	5.9	-2.6	4	25	-31	1	147	90	
VENEZIA/TESSERA	4530N	01220E	6	1015.9	1016.8	4.2	-3.7	6.4	-2.2	3	8	-55	1	185	130	
TRIESTE	4539N	01345E	20	1014.0	1016.4	5.5	-3.3	5.3	-2.3	5	22	-50	1	184	115	
PISA/S. GIUSTO	4341N	01023E	.1	1015.4	1016.1	6.7	-2.8	6.1	-2.7	5	18	-66	1	149	105	
FALCONARA	4337N	01322E	10	1014.3	1016.1	6.2		6.7		5	78			143	95	
PESCARA	4226N	01412E	11	1013.6	1014.8	6.8	-2.4	7.1	-1.6							
ROMA/FIUMICINO	4148N	01214E	3	1014.4	1014.8	9.8	-0.8	7.3	-2.8	4	19	-45	1			
NAPOLI/CAPODICHINO	4051N	01418E	72	1006.6	1015.5	7.6	-2.8	6.9	-2.4	5	40	-45	2	181	120	
BRINDISI	4039N	01757E	10	1012.2	1013.4	8.4	-3.0	8.4	-2.4	13	197	129	6	137	80	
MARINA DI GINOSA	4026N	01653E	12	1011.8	1013.3	6.9	-4.0	7.1	-3.5	7	43	-2	4			
MESSINA	3812N	01533E	51	1007.8	1014.4	10.6	-2.3	7.9	-2.6	11	113	34	5	186		
TRAPANI/BIRGI	3755N	01230E	14	1014.5	1015.6	10.3	-2.4	9.6	-2.0	11	40	-19	3	204	100	
CATANIA/FONTANAROSSA	3728N	01503E	17	1012.1	1014.2	9.7	-2.1	8.0	-2.4	8	76	27	5			
ALGHERO	4038N	00817E	40	1013.0	1016.4	9.1	-2.1	9.6	-1.1	6	26	-26	1	173	90	
CAGLIARI/ELMAS	3915N	00903E	18	1015.3	1015.9	9.9	-1.9	9.9	-0.5	5	21	-24	2	190	95	
MALTA																
LUQA	3551N	01429E	91	31	1006.9	1015.7	11.8	-1.6			8	56	12	4	213	93
TURKEY																
SAMSUN	4117N	03620E	4	1015.1	1015.5	4.7	-3.2	6.7	-1.7	13	84	16	4			
EDIRNE	4140N	02634E	48	1010.7	1017.0	3.1	-4.1	6.6	-1.0	4	39	-10	3			
ISTANBUL/GOZTEPE	4058N	02905E	40	1011.8	1015.9	4.0	-3.2	6.7	-1.3	12	99	29	4			
KASTAMONU	4122N	03346E	799	919.5	1014.9	0.2	-4.2	4.3	-1.7	11	46	10	4			
SIVAS	3945N	03701E	1285	866.5	1015.0	-0.7	-3.2	4.2	-1.0	8	45	2	4			
ERZINCAN	3944N	03930E	1215	874.9	1016.3	-0.2	-4.2	4.2	-1.2	8	44	3	4			
CANAKKALE	4008N	02624E	3	1015.5	1016.1	4.2	-3.9	7.4	-1.5	6	65	-7	3			
BURSA	4011N	02904E	100	1003.6	1015.9	4.8	-3.1	6.0	-2.0	14	91	19	4			
ANKARA/CENTRAL	3957N	03253E	894	908.6	1014.4	0.9	-4.9	4.6	-1.3	9	46	8	4			
AFYON	3845N	03032E	1034	894.1	1015.8	0.0	-5.2	4.6	-1.6	12	43	-2	4			
IZMIR	3826N	02710E	25	1010.3	1013.4	7.5	-4.0	6.8	-2.5	6	115	44	4			
ISPARTA	3745N	03033E	997	897.0	1013.6	1.6	-4.4	4.6	-1.7	13	79	22	4			
URFA	3708N	03846E	547	947.8	1012.3	7.5	-3.0	7.1	-1.1	15	97	28	5			
DIYARBAKIR	3753N	04011E	677	934.9	1013.5	4.6	-4.0	5.9	-1.9	11	121	51	5			
MUGLA	3712N	02821E	646	935.9	1012.9	4.1	-4.4	6.1	-1.4	9	179	63	5			
ANTALYA	3642N	03044E	57	1005.0	1010.1	8.8	-4.2	7.4	-2.9	12	105	7	4			
ADANA	3659N	03518E	20	1009.6	1012.2	10.4		7.9		12	206					
USSR																
MURMANSK	6858N	03303E	46	1016.3	1022.9	-8.4	-1.6	2.8	-0.5	6	14	-3	3	112	90	
KANIN NOS	6839N	04318E	49	1016.8	1023.2	-7.9	0.7	3.2	-0.2	7	23	-1	3	118	40	
ARHANGEL'SK	6435N	04030E	13	1025.3	1026.5	-7.8	-0.5	3.1	-0.3	4	21	-4	3	153	125	
REBOLY	6349N	03049E	181	999.8	1023.6	-9.0	-1.5	3.0	-0.4	8	26	1	4	129	75	
VYTEGRA	6101N	03627E	59	1017.8	1025.1	-7.0	-1.5	3.4	-0.4	2	9	-23	0	140	100	
TALLIN	5925N	02448E	44	1017.1	1021.5	-6.5	-3.6	3.4	-1.1	5	10	-14	1	120	35	
LENINGRAD (TOWN/VILLE)	5958N	03018E	4	1021.9	1022.7	-4.7	-1.3	3.5	-1.4	7	20	-10	2	159	145	
VELIKIE LUKI	5623N	03036E	98	1009.3	1022.7	-7.1	-3.5	3.1	-1.2	10	25	0	3	157	115	
MINSK	5352N	02732E	234	991.8	1021.5	-6.0	-3.5	3.3	-0.9	9	60	25	5	171		
VOLOGDA	5917N	03952E	118	1010.7	1028.2	-5.7	-0.2	3.1	-0.7	6	13	-10	2	131	100	
KIROV	5839N	04937E	164	1009.9	1031.5	-5.3	0.8	2.8	-0.7	2	6	-18	1	170	130	
KAZAN'	5547N	04911E	64	1015.6	1031.3	-7.1	-0.9	2.4	-1.1	2	7	-14	1	239	170	

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE			
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE		
EUROPE	0°	0°	0	0												
USSR																
MOSKVA	5545N	03734E	156	1005.6	1025.8	-5.3	-1.9	3.2	-0.7	7	19	-17	1			
KIEV	5024N	03027E	179	999.5	1021.1	-5.7	-5.6	3.5	-1.7	8	36	-3	3			
L'VOV	4949N	02357E	325	979.4	1019.8	-4.1	-4.5	3.9	-1.5	14	50	11	4			
ODESSA	4629N	03038E	64	1014.3	1019.7	-3.5	-5.7	4.2	-2.0	4	15	-13	2			
SIMFEROPOL'	4501N	03359E	205	994.2	1017.2	-3.9	-7.1	4.2	-1.9	11	65	29	5	142		
VORONEZ	5142N	03910E	164	1004.9	1024.4	-8.0	-4.6	2.6	-2.1	10	27	-4	3	172		
SARATOV	5134N	04602E	156	1001.0	1027.3	-9.3	-4.2	2.6	-1.3	3	18	-2	3	167		
HAR'KOV	4956N	03617E	152	1002.1	1022.2	-7.5	-6.2	3.2	-1.7	8	42	14	4	97		
ROSTOV-NA-DONU	4715N	03949E	77	1011.1	1019.8	-4.5	-5.5	3.8	-2.0	7	47	12	4	85		
ASTRAHAN'	4616N	04802E	18	1021.5	1024.2	-3.9	-4.5	4.0	-1.1	9	65	49	6	125		
PJATIGORSK	4403N	04302E	0	952.2	1018.2	-1.4	-2.6	5.1	-0.6	12	28	-3	3	61		
TBILISI	4141N	04457E	490	964.9	1016.7	4.8	-1.8	5.9	-0.5	8	47	15	5	127		
SYRIAN ARAB REPUBLIC																
KAMISHLI	3703N	04113E	455	959.9	1014.0	7.6	-3.8	7.4	-1.0	17	123	53	5	181		
ALEPPO	3611N	03713E	393	967.5	1014.4	7.9	-3.1	7.5	-1.6	14	72	28	5	158		
HAMA	3508N	03643E	309	977.8	1014.8	8.4	-3.2	8.2	16	89	52	6				
DEIR EZZOR	3519N	04009E	212	989.7	1010.3	13.3	0.2	7.2	-1.4	9	21	-8	3			
PALMYRA	3433N	03818E	404	965.7	1011.7	10.1	-2.8	6.7	-1.2	7	236	218	6	181		
DAMASCUS NEW INT. AIRPORT	3325N	03631E	611	941.7	1013.1	8.0	-3.6	7.4	-0.1	11	42	19	5	168		
ISRAEL																
BEN-GURION INT. AIRPORT	3200N	03454E	49	1008.4	1013.2	12.4	-2.6	9.6	-1.2	12	42	-24	2	201		
JERUSALEM	3147N	03513E	809	925.3	1458	Y	8.5	-3.7	8.2	0.2	12	98	7	3	184	
EILAT	2933N	03457E	13	1011.5	1012.6	18.1	-2.0	8.2	-0.3	2	5	1	4	236		
JORDAN																
H-4 'IRWAISHED'	3230N	03812E	688	31	933.9	1012.9	10.6	-3.0	6.4	-0.4	5	32	23	5	86	
AMMAN AIRPORT	3159N	03559E	768	31	923.0	1013.2	9.1	-2.6	7.8	-0.4	10	39	-13	3	192	
MA'AN	3010N	03547E	1070	31	891.4	1479	Y	9.6	-2.9	5.7	-0.6	5	16	11	6	93
ASIA																
USSR																
POLAR GMD IM.E.T. KRENKEL JA	8037N	05803E	20	1014.5	1017.5	-27.6	-2.7	0.7	-0.3	11	49	25	5	79		
OSTROV VIZE	7930N	07659E	18	1013.8	1015.3	-28.4	-1.9	0.6	-0.2	7	30	10	5	121		
GMD IM.E.K. FEDOROVA	7743N	10417E	13	1012.8	1014.9	-30.7	-2.2	0.5	-0.1	10	30	18	5	125		
OSTROV DIKSON	7330N	08014E	20	1010.7	1017.2	-24.9	-0.4	0.3	-0.6	7	23	1	4	164		
HATANGA	7159N	10228E	24	1014.0	1018.7	-30.0	-2.2	0.5	-0.2	9	30	19	6	140		
OSTROV KOTEL' NYJ	7600N	13754E	10	1017.9	1019.0	-30.4	-2.2	0.5	-0.1	1	3	-4	2	115		
COKURDAH	7037N	14753E	48	1012.9	1021.5	-29.2	-0.6	0.5	-0.1	2	5	-5	2	195		
OSTROV CETYREH-STOLBOVOJ	7038N	16224E	6	1016.0	1021.8	-25.6	1.1	0.7	0.1	0	4	-2	3			
MYS KAMENNYJ	6828N	07336E	0	1023.1	1024.2	-19.5	3.3	1.4	0.3	9	17	-6	3			
NAR' JAN-MAR	6739N	05301E	7	1025.4	1026.7	-11.1	1.9	2.4	-0.1	3	18	-1	3	153		
HOSEDA-HARD	6705N	05923E	84	1017.1	1028.4	-13.5	0.4	2.1	-0.2	6	19	-6	2	164		
SALEHARD	6632N	06632E	35	1024.9	1027.0	-14.9	3.3	1.9	0.3	4	15	-2	3	188		
TURUHANSK	6547N	08757E	32	1020.0	1025.3	-20.5	-3.1	1.3	-0.1	11	24	-3	3	130		
TARKO-SALE	6455N	07749E	27	1022.8	1026.9	-16.7	1.4	0.2	-1.2	4	19	-3	2	127		
NJAKSIMVOL'	6226N	06052E	50	1024.4	1031.1	-8.5	0.0	2.4	-0.2	1	3	-20	0	210		
SYKTYVKAR	6140N	05051E	96	1011.4	1026.9	-7.0	-0.1	3.0	-0.3	2	5	-21	0	156		
BOR	6136N	09000E	63	1019.3	1027.1	-16.0	-2.6	1.5	-0.3	4	10	-13	1	203		
HANTY-MANSIJSK	6058N	06904E	40	1024.9	1031.1	-8.7	2.3	2.1	-0.4	2	6	-14	1	212		
OLENEK	6830N	11226E	127	989.3	1019.6	-24.5	1.2	0.8	-1.1	3	9	0	3			
DZARDZAN	6844N	12400E	45	1013.9	1019.3	-25.8	-1.4	0.5	-0.3	4	12	2	4			
VERHOJANSK	6733N	13323E	137	1001.6	1021.0	-30.6	-0.3	0.4	-0.3	0	2	-5	2	238		
TURA	6410N	10004E	186	998.9	1024.4	-21.9	-1.4	0.9	-0.2	1	5	-6	1	175		
VILJUJSK	6346N	12137E	107	1005.4	1020.7	-21.8	-1.0	0.8	-0.2	2	5	-2	3	223		
OJMJAOKON	6316N	14309E	726	924.7	1027.0	-33.6	-0.2	0.4	-0.2	3	8	3	4	243		
SUNTAR	6209N	11739E	124	1003.4	1021.7	-21.1	-1.4	0.8	-0.3	1	5	-1	2	219		
ERBOGACEN	6116N	10801E	291	984.4	1023.8	-20.5	-2.8	1.0	0.0	3	6	-5	2	169		
JAKUTSK	6205N	12945E	103	1007.0	1020.9	-22.5	0.5	0.8	-0.1	1	1	-5	1	242		
MYS SMIDTA	6855N	17929W	7	1022.1	1022.7	-24.4	1.5	0.7	0.0	4	6	-14	1	173		
ILIRNEJ	6720N	16814E	426	973.4	1022.2	-26.2	2.5	0.7	0.2	3	8	0	4	188		
UST'-OLOJ	6633N	15925E	125	1002.4	1019.9	-24.3	3.5	0.7	0.2	5	11	6	5	188		
MYS UELEN	6610N	16950W	7	1016.2	1017.2	-19.1	1.7	1.4	0.4	6	28	3	4	170		

ASIA-USSR

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## SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUNSHINE	
					MEAN mb	STATION mb	MEAN sea level	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE	DAYS 1 MM	TOTAL mm	% OF AV.
<b>ASIA</b>														
USSR														
ZYRJANKA	6544N	15054E	43	1015.4	1021.5	-26.4	-0.5	0.6	0.0	4	10	-1	4	210
ANADYR'	6447N	17734E	62	1007.9	1016.1	-18.6	1.7	1.5	0.3	6	29	5	4	157
SEJMCA	6255N	15225E	207	991.7	1021.0	-24.7	1.2	0.6	-0.1	4	13	0	3	45
KAMENSKOE	6229N	16613E	8	1011.2	1012.9	-17.3	3.0	1.3	-0.4	6	35	7	4	187
KORF	6021N	16600E	3	1008.4	1008.9	-9.1	3.0	2.6	0.9	2	14	-10	2	157
PERM	5801N	05618E	161	1010.3	1032.7	-6.8	-1.3	2.4	-0.9	0	7	-24	1	241
TOBOL'SK	5809N	06811E	44	1025.2	1031.6	-9.1	0.5	2.5	-0.3	2	3	-11	1	238
SVERDLOVSK	5648N	06038E	237	996.8	1033.1	-5.6	-0.5	2.5	-0.6	1	5	-12	1	287
OMSK	5456N	07324E	94	1014.9	1031.2	-9.6	0.2	2.4	-0.4	2	8	-3	2	238
KUSTANAJ	5313N	06337E	171	1012.0	1033.0	-14.7	-5.2	1.9	-1.1	2	8	-7	2	256
KOLPASEV	5818N	08254E	76	1017.8	1027.9	-11.0	0.1	2.0	-0.3	6	15	-3	3	164
ENISEJSK	5827N	09209E	78	1016.9	1027.2	-14.2	-2.9	1.6	-0.5	2	7	-9	1	205
BOGUCANY	5825N	09724E	134	1008.5	1026.4	-15.8	-3.7	1.5	-1.2	0	2	-13	1	186
KRASNOJARSK	5600N	09253E	194	991.5	1027.6	-10.7	-2.9	1.9	-0.4	5	14	0	3	50
BARNAUL	5320N	08342E	196	1004.1	1028.3	-9.5	-1.2	2.1	-0.7	2	7	-14	1	
MINUSINSK	5342N	09142E	251	995.4	1028.5	-11.1	-3.4	2.0	-0.7	4	10	3	4	
KIRENSK	5746N	10807E	258	990.5	1025.3	-18.2	-3.8	1.2	-1.2	3	6	-2	3	183
BRATSK	5604N	10150E	326	971.9	1026.4	-13.6	-2.7	1.5	-0.5	1	5	-4	2	211
KALAKAN	5507N	11645E	613	941.5	1022.2	-20.1	-3.0	0.8	-0.4	2	7	-1	4	227
BOGDARIN	5428N	11335E	995	906.9	1022.4	-17.9	-0.7	0.9	-0.4	1	3	0	3	201
UST'-BARGUZIN	5326N	10859E	457	965.3	1025.7	-15.2	-2.7	1.4	-0.4	1	3	-5	3	
MOGOCA	5344N	11947E	619	938.7	1019.9	-17.7	-3.3	1.0	-0.5	3	13	6	5	202
IRKUTSK	5216N	10421E	485	965.9	1026.3	-10.3	-1.8	1.9	-0.3	3	7	-4	2	365
CITA	5201N	11320E	685	936.1	1021.6	-12.8	-1.6	1.2	-0.5	0	T	-4	1	222
ALDAN	5837N	12522E	682	932.8	1021.1	-18.5	-1.9	1.0	-0.3	5	19	-4	2	178
OHOTSK	5922N	14312E	6	1010.3	1011.0	-11.5	2.5	1.6	0.0	1	5	-6	3	
AJAN	5627N	13809E	9	1012.6	1013.8	-11.5	-0.9	1.6	-0.2	2	11	-13	3	220
BOMNAK	5443N	12856E	357	968.4	1014.8	-13.7	-0.4	0.2	-1.3	5	16	4	4	195
NIKOLAEVSK-NA-AMURE	5309N	14042E	47	1003.9	1011.1	-11.3	1.1	2.1	0.1	12	65	35	5	
IM POLINY OSIPENKO	5225N	13630E	73	1002.6	1012.1	-11.0	0.2	1.8	-0.2	3	14	-1	3	207
BLAGOVESCHENSK	5016N	12730E	137	997.7	1014.9	-10.3	-1.5	1.9	-0.3	4	29	17	5	
HABAROVSK	4831N	13510E	72	1000.6	1012.3	-7.4	0.3	2.2	-0.3	4	18	0	3	238
VLADIVOSTOK	4307N	13154E	138	992.5	1015.9	-3.9	-1.1	2.9	-0.2	5	21	-5	3	190
JUZNO-SAHALINSK	4655N	14244E	31	1005.6	1008.6	-4.6	1.8	3.3	0.2	7	40	-3	3	135
SIMUSIR	4651N	15152E	26	1000.7	1003.9	-2.4	0.9	4.2	0.3	7	87	-12	3	103
ICA	5542N	15538E	4	1000.6	1001.4	-5.0	3.8	3.3	0.8	6	14	-11	3	188
PETROPAVLOVSK-KAMCATSKIJ	5258N	15845E	7	997.2	1000.3	-1.8	3.0	4.0	1.1	18	136	57	5	156
NIKOL'SKOE (OSTROV BERINGA)	5512N	16559E	6	998.5	1000.3	-1.2	1.8	5.1	1.1	14	53	13	5	69
ORENBURG	5145N	05506E	109	1015.5	1031.1	-9.7	-3.9	2.1	-1.1	1	2	-20	1	
TURGAJ	4938N	06330E	123	1009.7	1027.7	-8.3	0.0	2.1	-1.0					29
KARAGANDA	4948N	07308E	555	958.8	1029.5	-9.2	-1.5	2.7	-0.6	7	14	-3	3	224
GUR'EV	4701N	05151E		1025.6	1022.6	-3.7	-2.6	3.7	-0.9	5	10	-3	3	142
BALHAS	4654N	07500E	423	981.1	1025.4	-3.2	2.0	3.3	-0.7	3	12	0	3	242
SAM	4525N	05612E	82	1010.9	1022.3	-5.1	-5.0	3.6	-0.7	6	13	3	4	26
SEMIPALATINSK	5021N	08015E	206	1003.1	1028.8	-8.4	-0.3	2.6	-0.2	2	6	-10	1	241
ALMA-ATA	4314N	07656E	847	919.5	1020.1	3.3	1.5	6.0	1.0	13	101	33	5	114
FORT SEVCENKO	4433N	05015E	-20	1021.5	1018.5	1.1	-2.4	5.1	-1.2	4	14	-2	3	
CIMBAJ	4257N	05949E	66	1011.1	1019.5	1.6	-1.1	5.3	0.6	9	32	17	5	62
TANDY	4144N	06437E	220	939.1	1017.8	6.7	0.5	7.1	1.3	11	63	41	5	117
TASKENT	4116N	06916E	428	958.6	1016.3	10.0	2.1	9.2	2.4	12	158	79	5	113
KRASNOVODSK	4002N	05259E	89	1005.2	1015.2	6.4	-0.3	7.5	0.5	8	19	-2	3	111
CARDZOU	3905N	06336E	193	992.0	1015.2	10.7	0.6	9.2	1.7	12	65	40	6	142
ASHABAD	3758N	05820E	228	988.2	1015.8	9.4	0.1	9.8	1.5	17	101	56	6	52
<b>SAUDI ARABIA</b>														
TURAIF	3141N	03840E	818	919.2	1466	Y	10.3	6.4		4	8	1		
ARAR	3054N	04108E	552	949.4	1013.1	13.4	6.5			4	15			
GURIAT	3125N	03716E	504	954.3	1013.1	12.1	6.7			5	17			225
AL-JOUF	2947N	04006E	689	934.9	1013.6	21.4	5.8			1				
RAFHA	2938N	04329E	447	961.0	1012.7	15.5	7.0							
HAFR AL-BATIN	2820N	04607E	360	971.1	1012.7	17.4	10.6			8	60			
TABUK	2822N	03638E	776	925.0	1012.6	16.0	-2.6	6.9	-1.1	0	T	-11	3	
HAIL	2726N	04141E	1013	900.1	1497	Y	15.7	-1.1	7.2	0.3	3	-10	3	
WEJH	2612N	03628E	21	1009.3	1011.7	21.2	-0.1	13.3	-1.8	0	0	-5	3	280
GASSIM	2618N	04346E	650	937.4	1010.6	20.5	1.2	12.2	3.9					

ASIA—SAUDI ARABIA

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL
ASIA	0°	0°	m		mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%
SAUDI ARABIA															
DAHHRAN	2616N	05009E	17	1010.3	1012.4	20.5	-0.9	15.3	0.3	6	27	15	5		
AL AHSA	2517N	04929E	177	992.1	1012.6	20.4		13.2		10	54				
MADINAH	2433N	03942E	636	938.7	1009.4	22.3	-1.4	7.5	-0.7	2	28	21	5		
KING KHALED INT. AIRPORT	2456N	04643E	612	943.8	1013.1	19.0		9.8		12	52				
RIYAOH	2443N	04643E	612	943.2	1010.8	20.2	-0.7	9.9	1.0	5	48	25	5		
YENBO	2409N	03804E	6	1010.1	1010.8	22.9		14.8		3	97				
JEDDAH(KING ABDUL AZIZ IAP)	2140N	03909E	18	1008.3	1009.1	24.5		16.8		2	5				
MAKKAH	2129N	03950E	310	983.2	1018.3	26.3		16.0		2	19				
TAIF	2129N	04033E	1454	1498	Y	19.1		10.9		3	26				
AL BAH	2018N	04138E	1662	836.0	1516	18.6		11.3		3	107				
SULAYEL	2028N	04537E	614	942.7		25.8		11.7		4	23				
BISHA	1959N	04237E	1163	883.5	1497	Y	22.7		12.5		7	45			
ABHA	1814N	04239E	2093	792.6	1490	Y	15.7		12.7		8	50			
KHAMIS MUSHAIT	1818N	04248E	2054	797.1	1506	Y	16.7		11.8		7	37			
NAJRAN	1737N	04426E	1210	879.0	1500	Y	31.1		10.1		2				
SHARURAH	1728N	04707E	722	929.4	1007.8	34.5		12.5		4					
GIZAN	1654N	04235E	3	1008.3	1008.6	28.2		26.8		0	0	0			
KUWAIT															
KUWAIT INT. AIRPORT	2913N	04759E	55	1007.5	1014.3	18.8		11.5		7	43			201	85
IRAN, ISLAMIC REPUBLIC OF															
ANZALI	3728N	04928E	-23	1015.7	1018.9	8.4		9.8		11	91				
TEHRAN-MEHRABAD	3541N	05121E	1191	878.2	1012.5	10.2	0.0	6.0	0.0	9	79	45	5		
KERMAN	3015N	05658E	1754	821.9	1011.3	11.6	0.2	5.8	-0.1	9	25	-9	3		
SHIRAZ	2932N	05235E	1491	850.7	1014.7	12.0	0.3	7.7	0.7	9	100	53	5		
BUSHEHR	2859N	05050E	19	1011.1	1013.5	18.0		11.3		6	56				
BAHRAIN															
BAHRAIN MUHARRAQ	2616N	05037E	2 31	1013.7	1013.9	21.2	0.0	16.2	-0.7	4	24	13	5		
QATAR															
DOHA INTERNATIONAL AIRPORT	2515N	05134E	10	1012.1	1013.0	21.7		16.0		4	60			227	
UNITED ARAB EMIRATES															
ABU DHABI BATEEN AIRPORT	2426N	05428E	3	1012.2	1012.7	23.2		17.0		6	61			5	241
ABU DHABI INT. AIRPORT	2426N	05439E	27 31	1009.5	1012.3	23.1		15.6		7	59				95
OMAN															
SEEB, INTERNATIONAL AIRPORT	2335N	05817E	15	1010.4	1012.0	25.8		17.9		6	68				
SUR	2235N	05931E	5	1010.6	1012.1	26.4		20.6		6	55				
MASIRAH	2040N	05854E	19	1010.7	1012.9	25.2		23.6		3	81			5	
THUMRAIT	1740N	05402E	467	961.3		25.0		16.6		2	39				
SALALAH	1702N	05405E	22	1009.4	1012.1	26.2		23.0		3	14			5	
PAKISTAN															
PESHAWAR	3401N	07135E	360		1011.6	Y	16.9	-0.5	14.3	2.6					
PARACHINAR	3352N	07005E	1726	828.6	1505	Y	11.0	1.2	7.9	1.7	10	104	-31	2	
JHELUM	3256N	07343E	234	985.1	1012.1	19.5	0.5	15.7	4.0	5	51	-5	3		
ZHOB	3121N	06928E	1407	857.9	1478	Y	12.4	-1.8	8.1	1.8	12	90	46	5	
DERA ISMAIL KHAN	3149N	07055E	173	991.7	1011.7	19.7	-0.5	16.1	4.6	8	63	31	5		
LAHORE CITY	3133N	07420E	215	985.4	1011.5	21.0	0.3	16.0	3.9	6	40	8	4		
QUETTA AIRPORT	3015N	06653E	1589	841.0	1499	Y	13.0	2.0	8.3	0.9	10	98	53	5	
MULTAN	3012N	07126E	123	997.4	1011.5	20.9	-0.7	16.3	4.5	7	14	-4	3		
DAL BANDIN	2853N	06424E	850			19.9	1.9	9.3	2.2	4	85	71	6		
JACOBABAD	2818N	06828E	56	1003.7	1009.9	23.3	-0.7	16.1	3.5	3	11	1	4		
JIWANI	2504N	06148E	57	1005.0	1011.4	23.4	0.1	20.8	2.9	4	30	27	6		
HYDERABAD	2523N	06825E	30	1007.2	1010.8	26.7	0.5	16.2	3.4	1	14	10	5		
KARACHI AIRPORT	2454N	06708E	22	1009.0	1011.7	24.9	0.3	19.3	2.6	0	0	-11	4		
BANGLADESH															
BOGRA	2451N	08922E	20	1007.7	1009.8	25.7		21.3		2	17			259	
SYLHET	2454N	09153E	35	1007.0	1011.1			19.7		4	33			229	
DHAKA	2346N	09023E	9	1009.3	1010.4	27.8		21.4		8	58			258	
JESSORE	2311N	08910E	7	1009.7	1010.4	26.6		21.9						231	

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN	DEPARTURE	DAYS 1 MM	TOTAL MM	DEPARTURE MM	QUINTILE	TOTAL hr
ASIA	0°	0°	#												
BANGLADESH															
CHITTAGONG (PATENGA)	2216N	09149E	6	1010.8	1011.7	25.3	24.3				6	80		213	
COX'S BAZAR	2126N	09158E	4	1011.1	1011.5	26.0	24.8				2	9		240	
INDIA															
SRINAGAR	3405N	07450E	1587	843.3	1521 Y	9.5	1.0	8.5	0.9	10	58	-47	1	85	65
AMRITSAR	3138N	07452E	234	985.0	1012.1	18.9	-0.6	16.9	3.1	6	44	15	4	179	74
MUKTESWAR KUMAON	2928N	07939E	2311		3133 Z	12.7	1.4	10.4	3.8	2	16	-42	1		
BIKANER	2800N	07318E	224		1011.3	25.1	1.5	11.3	1.5	5	14	8	5		
NEW DELHI/SAFDARJUNG	2835N	07712E	216	986.1	1010.7	23.3	0.6	14.6	2.5	3	20	4	4	229	92
AGRA	2710N	07802E	169	991.2	1010.3	25.0	1.1	14.5	1.2	1	4	-7	3		
DIBRUGARH/MOHANBARI	2729N	09501E	111	999.9	1012.6	20.4	-0.9	17.5	0.4	12	155	50	4		
JODHPUR	2618N	07301E	224	985.7	1010.1	26.3	0.7	9.5	1.3	1	85	79	5		
DARBHANGA	2610N	08554E	49	1005.0	1010.3			18.8	0.7	2	6	-5	3		
GAUHATI	2606N	09135E	54	1004.9	1011.1	22.5	-0.7	19.9	3.6	10	122	67	5		
KOTA AERODROME	2509N	07551E	274		1010.2	27.1		10.3		0	0				
ALLAHABAD/BAMHRAULI	2527N	08144E	98		1010.3			14.9	3.0	1	11	1	4		
CHERAPUNJI	2515N	09144E	1313	869.3	1503 Y	15.3	-1.5	12.5	-0.9	12	306	59	4		
DALTONGANJ	2403N	08404E	221	984.1	1009.9	25.3	0.7	12.9		2	9	-6	3		
DUMKA	2416N	08715E	149	994.4	1011.2	26.5	0.4	16.5	-0.3	1	10	-1	4		
AHMADABAD	2304N	07238E	55	1004.7	1010.9	28.2	0.8	12.7	0.8	0	0	-1	5	282	98
SAGAR	2351N	07845E	551	948.9	1009.7	25.5	0.1	10.7	0.0	0	0	-14	2		
DWARKA	2222N	06905E	11	1010.9	1012.2	25.2	0.0	24.1	-0.3	0	0	-1	5		
INDORE	2243N	07548E	567	947.7	1009.9	25.7	0.6	8.7	-0.1	1	5	2	5		
CALCUTTA/ALIPORE	2232N	08820E	6	1009.7	1010.4	27.8	-0.1	25.2	3.6	2	10	-22	3	239	91
NAGPUR SONEGAON	2106N	07903E	310	975.6	1010.1	26.9	-0.8	11.7	0.6	4	25	7	4	251	86
VERVAL	2054N	07022E	8	1010.3	1011.1	25.6	0.6	24.6	2.9	0	0	0	5		
AKOLA	2042N	07702E	282	978.7	1009.9				0	0	0	-9	3		
BHUBANESWAR	2015N	08550E	46	1005.8	1010.9	28.2	-0.5	22.9	-0.1	1	4				
JAGDALPUR	1905N	08202E	553	949.9	1010.4	25.3	-1.7	13.5	-0.9	5	13	-4	3		
BOMBAY/COLABA	1854N	07249E	11	1009.4	1010.6	27.7	0.7	24.6	1.0						
POONA	1832N	07351E	559	948.5	1009.7	25.7	-0.6	12.7	1.0	0	0	-5	3	305	99
HYDERABAD AIRPORT	1727N	07828E	545	950.1	1009.6	27.7	0.0	14.8	1.3	3	61	50	5	277	96
VISHAKHAPATNAM	1743N	08314E	3	1011.1	1011.5	27.7	-0.7	22.6	-3.8	5	57	50	5		
MACHILIPATNAM (FRANCHPET)	1612N	08109E	3	1010.9	1011.3	26.3	-1.1	25.6	-1.4	2	48	41	5		
GOA/PANJIM	1529N	07349E	60	31	1003.9	1010.7	27.5	-0.1	26.1	0.0	0	0	-1	4	
BELGAUM/SAMBRA	1551N	07437E	747	928.2	1009.1	25.5		12.3		1	8				
MADRAS/MINAMBAKKAM	1300N	08011E	16	1009.5	1011.2	27.9	-0.3	25.9	-0.2	2	18	15	5	306	101
BANGALORE	1258N	07735E	921	910.8	1520 Y	25.3	-0.5	12.4	-1.3	1	25	21	5	282	100
KOZHIKODE	1115N	07547E	5	1010.1	1010.7	28.7	0.0	27.6	-1.4	0	0	-21	2	100	
PORT BLAIR	1140N	09243E	79	1002.7	1011.5	27.0	-0.1	26.6	-0.3	4	17	6	4	260	90
PAMBAN	0916N	07918E	11	1009.4	1010.7	29.0	0.9	28.6	-1.3	0	0	-17	2		
MINICOY	0818N	07309E	2	1010.5	1010.7	28.5	0.8	27.9	-0.4	0	0	-19	2		
TRIVANDRUM	0829N	07657E	64	1008.0	1010.3	28.8	0.5	27.3	0.0	2	8	-34	1	282	108
SRI LANKA															
MANNAR	0859N	07955E	3	1010.2	1010.6	28.9	0.8	28.3	1.3	0	0	-37	1		
TRINCOMALEE	0835N	08115E	7	1002.1	1010.8	28.3	0.5		4	11	-36	2			
COLOMBO	0654N	07952E	7	1009.7	1010.5	28.6	1.2	30.5	1.5	8	73	-51	2	316	
HAMBANTOTA	0607N	08108E	20	1008.3	1009.9	27.7	0.5	28.6	0.6	6	61	7	4		
MONGOLIA															
ULAN-GOM	4948N	09205E	936		1039.5	-20.8		1.0		1	2				
ULGI	4858N	08958E	1714	823.8	1023.7	-8.3		2.1		0	1				
MUREN	4938N	10010E	1288	869.0	1024.3	-9.9		1.6		0	T				
BULGAN	4848N	10333E	1210	876.9	1024.6	-10.7		4.0		1	2				
CHOIBALSAN	4804N	11430E	756	928.4	1022.8	-9.8				0	1				
ULIASTAI	4745N	09651E	1753	821.0	1029.1	-12.8		1.9		3	7				
ALTAI	4624N	09615E	2147	886.3	1020.2	-10.0		1.0		1	3				
ARBAIHER	4616N	10247E	1813	812.1	1022.1	-9.3		1.8		2	7				
ULAN-BATOR	4756N	10659E	1338	866.3	1025.1	-12.2		1.9		2	6				
MANDALGOVI	4546N	10617E	1398	855.9	1023.6	-10.4				1	4				
SAINSHAND	4454N	11007E	936	907.7	1023.8	-1.0		2.4		1	2				
DALANZADGAD	4335N	10425E	1470	849.4		-6.0		3.2		1	1				

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STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.	
ASIA	0°	0°	3	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	hr	%	
HONG KONG ROYAL OBSERVATORY	2218N	11410E	62	1007.6	1014.9	21.3	2.8	22.2	4.6	5	234	179	6	63	68	
MACAU MACAO	2212N	11332E	59	1007.5	1014.4	21.8	3.5	22.6	4.9	8	213	150	6			
DPR KOREA																
CHUNGANG	4147N	12653E	332	978.0	1019.2	-3.2	3.5	9	13	1						
HYESAN	4124N	12810E	714	929.8	1018.0	-4.7	3.1	3	14							
KIMCHAEK	4040N	12912E	23	1013.7	1016.6	0.8	5.2	5	22							
SINUIJU	4006N	12423E	7	1019.0	1019.9	0.7	4.3	5	26	3						
WONSAN	3911N	12726E	36	1013.7	1018.3	2.6	4.5	6	44	4						
PYONGYANG	3902N	12547E	38	1014.4	1017.8	1.6	4.7	6	28	4						
HAEJU	3802N	12542E	81	1008.4	1018.5	2.8	5.2	6	21	3						
REPUBLIC OF KOREA																
KANGNUNG	3745N	12854E	27	1013.9	1017.2	5.2	0.0	5.4	-0.2	8	92	14	3	175	83	
INCHON	3729N	12638E	70	1009.4	1018.1	3.4	-0.2	5.8	0.3	5	32	-14	3	188	86	
PUSAN	3506N	12902E	71	1008.3	1017.0			6.6	0.5	7	76	-5	3	173	81	
MOKPO	3447N	12623E	56	1011.9	1018.8	5.4	-0.4	7.1	0.3	9	79	21	5	152	76	
JAPAN																
WAKKANAI	4525N	14141E	11	1008.4	1009.8	-1.4	0.1	4.0	0.1	10	50	-14	2		95	
ASAHIKAWA	4346N	14222E	116	996.6	1011.2	2.2	5.0	4.1	0.4	18	92	30	5	107	70	
ABASHIRI	4401N	14417E	43	1004.7	1010.1	-1.8	1.0	3.9	0.2	8	35	-23	2	194	110	
SAPPORO	4303N	14120E	19	1009.0	1011.4	-0.1	0.3	4.3	0.2	11	83	5	3		82	
NEMURO	4320N	14535E	26	1006.8	1010.1	-1.2	0.8	4.2	0.1	6	83	15	4		109	
URAKAWA	4210N	14247E	33	1007.3	1011.5	0.2	0.3	4.7	0.3	5	67	9	4	177	86	
AKITA	3943N	14006E	10	1013.2	1014.4	3.0	0.3	5.4	0.2	14	128	21	4		84	
MIYAKO	3939N	14158E	47	1007.1	1012.9	3.3	0.5	5.2	0.5	8	89	-7	3		104	
SENDAI	3816N	14054E	43	1008.9	1014.3	4.5	0.2	5.7	0.6	8	74	2	4		95	
WAJIMA	3723N	13654E	6	1014.1	1015.9	5.3	0.2	6.8	0.6	21	155	10	4		63	
NIIGATA	3755N	13903E	6	31	1014.7	1015.5	5.5	0.6	6.6	0.6	19	122	11	4	120	86
KANAZAWA	3633N	13639E	28	31	1012.9	1016.3	6.5	0.5	7.0	0.4	20	197	31	5	105	74
MATSUMOTO	3615N	13758E	611	941.7	1014.6	4.1	0.9	5.4	0.6	10	76	10	4		87	
MAEBASHI	3624N	13904E	113	31	1000.1	1013.9	7.2	0.7	6.0	0.8	9	61	10	4	221	103
NAGOYA	3510N	13658E	56	31	1008.8	1015.6	8.3	0.8	7.1	0.8	12	195	97	5	173	85
CHOSHI	3543N	14051E	28	31	1010.0	1013.3	9.6	0.7	8.7	1.2	14	122	-17	3	145	88
OMAEZAKI	3436N	13813E	47	31	1007.9	1013.5	10.1	0.7	8.4	0.6	11	262	107	5	170	83
TOKYO	3541N	13946E	36	1009.3	1013.6	9.3	0.9	7.1	0.8	10	94	-8	3		91	
HACHIJOGIMA	3306N	13947E	80	1004.1	1013.7	13.1	0.7	11.1	1.0	17	245	3	3		70	
YONAGO	3526N	13321E	8	1015.6	1016.6	7.1	0.2	7.3	0.3	14	165	43	5			
HIROSHIMA	3422N	13226E	30	31	1013.0	1016.7	8.2	0.4	8.2	1.3	14	183	82	5	159	85
OSAKA	3441N	13531E	50	31	1010.1	1016.2	8.9	0.5	7.7	1.0	12	116	16	4	126	72
SHIONOMISAKI	3327N	13546E	75	1005.8	1014.8	10.9	0.2	9.4	1.4	12	138	-27	2		94	
IZUHARA	3412N	12918E	22	31	1014.2	1017.0	8.7	0.0	8.5	1.1	12	165	38	4	132	74
FUKUOKA	3335N	13023E	14	1015.0	1016.7	9.7	0.4	9.1	1.5	17	175	81	5		75	
OITA	3314N	13137E	13	31	1015.0	1016.6	9.1	0.4	8.6	0.9	14	185	98	6	158	85
NAGASAKI	3244N	12952E	35	31	1012.2	1016.4	10.5	0.4	9.8	1.5	16	197	93	6	134	76
KAGOSHIMA	3134N	13033E	5	1015.4	1016.0	12.3	1.1	10.8	1.3	17	351	204	6		68	
MIYAZAKI	3155N	13125E	7	31	1014.7	1015.6	11.9	0.9	10.7	1.3	13	254	121	5		75
KOCHI	3333N	13332E	18	31	1013.6	1015.7	9.9	-0.2	5.4	-2.3	13	197	44	4	186	93
SHIMIZU/ASHIZURI	3243N	13301E	33	1011.5	1015.5	11.9	0.1	9.7	1.0	13	187	39	4		94	
NAZE	2823N	12930E	7	1015.6	1016.5	18.0	1.4	15.6	2.2	16	274	88	5		76	
ISHIGAKIJIMA	2420N	12410E	7	1015.8	1016.6	21.4	1.2	21.3	2.7	8	74	-47	2		102	
MIYAKOJIMA	2447N	12517E	41	31	1012.1	1016.8	20.6	1.9	20.7	2.8	10	109	-26	3	140	117
NAHA	2614N	12741E	36	1010.8	1017.0	19.3	1.2	17.8	2.2	14	136	-10	4		86	
MINAMIDAITOJIMA	2550N	13114E	15	1015.5	1017.3	20.3	1.5	19.4	3.1	4	60	-24	3		112	
THAILAND																
NAKHON SAWAN	1548N	10010E	35	1005.8	1009.8	29.9	-0.3	25.8	-0.2	3	37	-3	4	246		
BANGKOK	1344N	10034E	20	1008.2	1010.5	29.5	0.3	28.4	-3.2	1	41	18	5	250	90	
ARANYAPRATHET	1342N	10235E	49	1005.0	1010.3	30.1	0.6	27.0	-1.1	3	33	-21	3			
CHANTHABURI	1236N	10207E	4	1010.6	1011.0	28.2	0.6	28.8	-0.9	4	19	-48	1	221		
CHUMPHON	1029N	09911E	5	1010.2	1010.9	28.3	1.1	29.2	0.9	5	38	-14	3	295		
SONGKHLA	0712N	10036E	5	1009.6	1010.3	28.7	1.0	28.3	0.5	3	22	-14	3	265		

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STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
				MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	MEAN mm	DEPARTURE mm	QUINTILE	TOTAL hr	% OF AV.
ASIA	0°	0°	m	days obs.										
CHINA														
HAILAR	4913N	11945E	611	941.8	1020.3	-13.0	-0.8			2	-4	3	229	90
QIQIHAIR	4723N	12355E	148	997.9	1017.0	-6.8	-1.9	1.6		5	-4	4	260	100
ALTAY	4744N	08805E	737	935.6	1028.3	-8.3	-2.2	2.5		8	-1	4	272	115
YINING	4357N	08120E	663	941.0	1020.5	4.9	2.3	6.3		47	22	5	172	85
URUMQI	4347N	08737E	919	913.8	1025.6	-3.2	-1.2	3.8		15	-5	3	160	80
KASHI	3928N	07559E	1291	868.5	1013.4	9.6	2.0	5.7		4	-1	4	173	90
RUOQIANG	3902N	08810E	889	912.4	1016.0	7.3	0.4	3.3		8	7	6	199	90
HOTAN	3708N	07956E	1375	858.9	1011.6	10.8	1.8	3.9		0	0	-1	5	175
HAMI	4249N	09331E	739	930.2	1018.1	4.5	0.0	2.4		T	-1	4	270	100
JIUQUAN	3946N	09829E	1478	850.8	1020.0	1.9	0.1	2.9		6	3	5	235	100
DULAN	3618N	09806E	3192	686.8		0.0	1.4	1.9		18	-3	4	248	95
LANZHOU	3603N	10353E	1518	845.8		6.0	0.8	3.7		6	-4	3	179	85
ERENHOT	4339N	11200E	966	905.1	1023.7	-7.3	-2.6	1.9		1	-1	4	296	105
YINCHUAN	3829N	10613E	1112	889.5	1019.6	2.6	-0.2	3.4		5	-1	4	230	95
TAIYUAN	3747N	11233E	779	926.8	1019.7	3.4	-0.3	3.6		10	-1	3	153	70
YANJI	4253N	12928E	178	994.8	1017.5	-3.6	-1.5	2.7		9	2	4	197	85
SHENYANG	4146N	12326E	43	1014.3	1019.8	-1.0	-1.4	3.1		56	45	6	214	95
BEIJING	3956N	11617E	55	1013.3	1020.1	4.1	-0.3	3.9		13	4	4	226	95
QINGDAO	3604N	12020E	77	1011.1	1020.7	4.1	-0.6	5.2		4	-17	1	246	115
LHASA	2940N	09108E	3650	651.0		4.3	-0.1	2.3		T	-2	3	245	100
QAMDO	3109N	09710E	3307	679.3		4.6	0.5	3.2		16	10	6	213	115
CHENGDU	3040N	10401E	508	955.4	1015.0	12.5	0.4	11.1		33	12	5	120	125
XICHANG	2754N	10216E	1599	834.4		17.7	1.3	6.8		7	-2	3	297	115
TENGCHONG	2507N	09829E	1649	835.3		12.0	-0.6	9.3		34	-4	3	214	95
KUNMING	2501N	10241E	1892	809.4		13.7	0.7	7.7		T	-15	1	279	100
MENGZI	2323N	10323E	1302	868.3	1009.6	18.8	0.9	10.4		33	13	4	263	110
XI'AN	3418N	10856E	398	971.1	1019.4	6.5	-1.5	6.6		40	11	5	107	70
ZHENGZHOU	3443N	11339E	111	1006.2	1020.0	6.5	-1.6	6.5		42	21	5	125	70
YICHANG	3042N	11118E	134	1002.7	1019.1	9.7	-1.3	9.1		67	15	4	89	85
ZHIJIANG	2727N	10941E	273	984.1	1017.0	10.3	-0.4	10.1		49	-35	1	57	75
GANZHOU	2551N	11457E	125	1001.2	1016.1	14.9	1.1	14.3		273	117	6	59	65
SHANGHAI	3110N	12126E	7	1018.5	1019.3	7.9	-0.4	8.6		133	55	5	103	75
NANCHANG	2836N	11555E	50	1011.8	1017.4	10.3	-0.5	10.8		208	48	5	58	60
SHANTOU	2324N	11641E	3	1015.4	1016.3	18.1	1.9	18.6		413	343	6	81	75
NANNING	2249N	10821E	73	1003.6	1012.1	20.4	5.1	18.9		20	-19	1	98	130
AFRICA														
MADEIRA														
FUNCHAL	3238N	01654W	56	31	1010.8	1017.5	17.7	1.7	13.2	0.3	7	93	22	4
MOROCCO														
MEKNES	3353N	00532W	549	954.2	1017.9	14.2	1.9	12.5	2.0	4	14	-72	0	238
CASABLANCA	3334N	00740W	62	1011.4	1018.2	15.0	0.5	15.2	2.4	4	36	-24	2	265
MARRAKECH	3137N	00802W	466	962.7	1016.6	17.6	2.4	9.7	-0.7	4	38	8	4	272
AGADIR	3023N	00934W	23	1013.6	1016.4	17.0	0.7	15.0	1.9	1	5	-19	2	267
OUARZAZATE	3056N	00654W	1140	889.4	1522	16.9	2.3	5.8	-0.2	0	0	-3	0	314
ALGERIA														
JIJEL	3650N	00547E	2	1017.1	1017.8	13.5		11.5		5	41		187	50
SIKIDA	3656N	00657E	7	1017.8	1018.0	13.0	0.4	11.5	0.4	8	89	16	3	188
ANNABA	3650N	00749E	4	1016.9	1017.4	11.8	-0.5	10.9	-0.7	4	74	11	4	188
DAR-EL-BEIDA	3643N	00315E	25	1014.7	1017.7	13.0	0.0	11.4	0.5	3	14	-56	1	222
BEJAIA	3643N	00504E	2	1017.6	1017.9	12.7	0.4	11.8	0.7	7	74	-45	0	189
CONSTANTINE	3617N	00637E	694	936.8	1018.0	8.6	-0.3	8.7	0.4	8	86	32	5	193
CHLEF	3613N	00120E	143	1001.5	1018.6	13.1		10.3		9	2			244
MILIANA	3618N	00214E	715	934.9	1018.1	11.9	0.3	9.2		47	-33	2		242
BOROJ BOU ARRERIDJ	3604N	00446E	928	913.5		8.6		7.6		22				229
SETIF	3611N	00525E	1081	899.6	1505	7.8		7.6		16				227
M'SILA	3540N	00430E	441	963.7	1015.3	13.1		8.7		0	0			70
ORAN/ES SENIA	3538N	00036W	90	1007.1	1018.0	14.4	0.9	11.4	0.2	1	3	-44	0	244
MASCARA GRISS	3516N	00009E	511	958.5	1018.5	11.9		10.5		12				115
TIARET	3515N	00126E	1127	906.3	1505	13.6		8.9		20				
BOU-SAADA	3520N	00412E	461	963.3	1014.0	13.9		8.7		2				
BENI-SAF	3518N	00121W	68	1008.3	1016.5	15.4		12.5		1				60

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE			
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	MM	DEPARTURE		
<b>AFRICA</b>																
ALGERIA																
BISKRA	3448N	00544E	87	1006.3	1016.8	16.0	-0.1	7.8	-0.8	2	13	-6	3	261	94	
TLEMCEN (ZENATA)	3501N	00128W	247	988.6	1018.2	13.4		10.6		2	6			227	60	
DJELFA	3441N	00315E	1144	886.0	1012.1	Y	13.5		7.0	7	136	104	6	249	70	
EL KHEITER	3409N	00004E	1000	903.1	1003	Y	11.5		7.6	0	0			279		
MECHERIA	3456N	00026W	1149	889.1	1024	Y	12.4		6.3	0	1			258	70	
ELBAYADH	3340N	00100E	1341	866.9	1010	Y	10.1		6.1	4	30			83	15	
EL OUED	3330N	00607E	63	1009.0	1016.5	15.8		8.6		1	6			270	75	
GHARDAIA	3223N	00349E	450	963.2	1017.4	16.1		7.0		2	16			273	75	
BECHAR	3137N	00214W	773	924.0	1013	Y	17.5	1.4	5.9	-1.8	4	18	9	297	97	
HASSI-MESSAOUD	3140N	00609E	142	998.4	1015.7	17.4	0.5	7.7	0.4	0	T	-10	1			
EL GOLEA	3034N	00252E	397	969.8	1015.7	16.7	0.4	7.7	-0.4	1	2	-3	4	301	93	
TIMIMOUN	2915N	00017E	312	978.4	1014.6	20.5		5.3						260	75	
IN AMENAS	2803N	00938E	562	950.4	1014.3	15.3	-1.4	1.8	-4.0							
ADRAR	2753N	00017W	263	982.7	1015.0	21.5	2.0	5.5	-1.1							
IN SALAH	2712N	00228E	293	982.7	1010.8	22.4	1.6	6.2	-0.7	0	T	-1	4	258	78	
DUJANET	2433N	00928E	1054	896.8	1013	Y	20.8		6.0							
TAMANRASSET	2247N	00531E	1378	864.4	1021	Y	29.8	11.3	5.1	0.4	0	T	T	5	262	85
<b>TUNISIA</b>																
TUNIS CARTHAGE	3650N	01014E	4 31	1016.0	1016.0	11.5	-1.8	10.4	-0.8	10	48	-3	3			
<b>NIGER</b>																
BILMA	1841N	01255E	357	970.3	1010.4	25.0	0.8	7.4	2.2	0	0	-T	0	303	100	
AGADEZ	1658N	00759E	502	953.7	1009.0	28.0	1.0	5.0	-0.4	0	0	0	0	271	90	
TILLABERY	1412N	00127E	210	984.8	1008.0	31.4	0.4	11.5	3.1	0	0	-2	0	222	80	
TAHOUA	1454N	00515E	391	964.9	1007.8	30.4	0.1	6.6	0.0	0	0	-1	0	248	90	
N'GUIGM1	1415N	01307E	286	976.3	1008.2	28.3	0.5	6.8	0.5	0	0	0	0	5	264	95
NIAMEY-AERO	1329N	00210E	227	982.7	1007.8	31.1	0.3	10.3	1.5	3	43	40	6	243	90	
BIRNI-N'KONNI	1348N	00515E	273	977.3	1007.4	30.8	0.6	9.9	2.5	0	T	T	5	246	85	
MARADI	1328N	00705E	373	966.8	1007.8	29.6	0.5	9.0	2.4	0	0	0	0	233	85	
ZINDER	1347N	00859E	453	958.5		29.2	-0.1	7.1	1.4	0	0	0	0	234	85	
MAGARIA	1259N	00856E	403	964.9	1009.5	27.9		8.2		0	0	0	0	5	224	
MAINE-SOROIA	1314N	01159E	337	970.6	1007.8	29.1	0.3	5.3	-0.8	0	0	0	0	242	85	
GAYA	1153N	00327E	203	983.8	1006.1	25.4	-6.1	11.8	-0.6	1	4	0	0	4	246	95
<b>MALI</b>																
KIDAL	1826N	00121E	459	959.1	1009.7	27.4	0.7	4.7	-2.6	0	0	0	0	266	85	
TOMBOUCTOU	1643N	00300W	264	980.3	1009.6	27.9	0.2	7.8	0.8	0	0	0	0	257	85	
GAO	1616N	00003W	260	980.4	1009.1	30.0	0.9	5.9	-1.4	0	0	0	0	204	71	
NIOR DU SAHEL	1514N	00921W	237	982.9	1009.3	28.7	0.2	5.7	-2.7	0	0	0	0	5	297	
NARA	1510N	00717W	265	979.9	1009.3	29.3		6.3		0	0	-1	0	5	283	
HOMBORI	1520N	00141W	288	977.2	1008.8	31.6	1.0	7.2	-0.7	0	0	0	0	5	263	
MENAKA	1552N	00213E	278	978.0	1008.7	30.4	1.2	6.9	-0.4	0	0	-1	0	210	80	
KAYES	1426N	01126W	47	1004.9	1010.2	30.0	-0.7	7.4	-2.2	0	0	0	0	5	287	95
MOPTI	1431N	00406W	272	979.2	1009.2	30.5	1.5	8.9	1.3	0	0	0	0	0	287	114
KITA	1304N	00928W	334	971.8	1008.4	30.7	-0.2	10.6	0.9	0	0	-1	0	302	105	
SEGOU	1324N	00609W	289	976.7	1008.7	30.4	1.1	11.4	1.1	1	9	5	5	266	90	
BAMAKO/SENOU	1232N	00757W	381	966.5	1008.2	31.0	0.7	10.3	-0.6	0	0	-4	3	248		
KOUTIALA	1223N	00528W	367	967.4	1007.6	30.3	1.3	12.1	1.0	0	T	-5	2	258		
BOUGOUNI	1125N	00730W	351	969.5	1007.8	30.1	0.4	11.1	-3.3	0	T	-9	2	246	95	
SIKASSO	1121N	00541W	375	966.5	1007.7	29.7	0.2	13.3	-2.0	1	3	-12	2	196	80	
<b>MAURITANIA</b>																
BIR MOGHREIN	2514N	01137W	360	978.4	1014.3	22.4	1.4	13.1	1.9	0	0	-1	0			
ATAR	2031N	01304W	224	981.0	1013.5	25.2	0.3	10.1	2.9	0	0	-2	0	310		
AKJOUJT	1945N	01422W	120	1004.0	1014.0	27.0	1.2	8.5	-0.2	0	0	-1	0	282		
NOUAKCHOTT	1806N	01557W	3	1012.1	1012.5	25.0	0.6	11.8	-1.4	0	0	-2	0	272		
TIOJIKJA	1834N	01126W	402	968.7	1012.7	27.6	0.8	0	0	0	0	-2	0	282		
BOUTILIMIT	1732N	01441W	75	1004.0	1012.6	27.0	0.2	7.8	-0.7	0	0	0	0	282		
NEMA	1636N	00716W	269			29.9	0.4	7.9	2.2	0	0	0	0	283		
KIFFA	1638N	01124W	115	997.3	1010.2	28.7	0.1	5.8	-1.9	0	0	0	0	0	267	
AIQUN EL ATROUSS	1642N	00936W	223	985.0	1010.0	28.5	0.2	4.2	-1.4	0	0	0	0	5		
<b>SENEGAL</b>																
SAINT-LOUIS	1603N	01627W	4	1011.2	1011.7	24.5	1.3	15.1	0.6	0	0	0	0	0	294	

AFRICA-SENEGAL

## SURFACE

MARCH 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE
AFRICA	0°	0°	3											
SENEGAL														
POODOR	1639N	01458W	7	1011.1	1012.0	28.1	0.5	9.8	1.0	0	T	T	5	275
LINGUERE	1523N	01507W	21	1008.2	1010.5	29.1	0.7	8.3	-1.7	0	O	O	-T	0 303
MATAM	1539N	01315W	17	1008.4	1010.3	29.7	0.7	9.0	-1.1	0	T	T	6	294
DAKAR/YOFF	1444N	01730W	24	1008.3	1011.6	21.4	0.6	18.4	-0.5	0	T	T	0	5 294
DIOURBEL	1439N	01614W	9	1009.5	1010.5	28.0	0.6	10.6	-2.2	0	O	O	0	5 323
KAOLACK	1408N	01604W	7	1010.4	1011.2	29.1	0.8	12.6	-0.8	0	3	3	6	305
TAMBACOUNDA	1346N	01341W	50	1004.1	1009.4	30.1	-0.2	9.0	-0.6	0	1	1	6	
ZIGUINCHOR	1233N	01616W	23	1007.7	1010.3	26.7	0.6	17.5	0.1	0	O	-T	0	305
KOLDA	1253N	01458W	10			28.3	-0.7	12.5	-2.9	0	O	O	0	5 267
KEDOUGOU	1234N	01213W	167	989.4	1007.9	30.8	-0.2	8.5	-3.8					
SIERRA LEONE														
LUNGI	0837N	01312W	27	31	1004.7	1007.6	27.0	-0.4	26.8	-0.4	1	13	-5	4 107
NJALA	0806N	01206W	56	31	1000.9	1007.1	28.8	1.0	25.2	-2.4	1	1		72
BO	0757N	01146W	93	31	1000.4	1010.4	28.0	0.3	26.2	0.7	1	1	-36	0 108
DARU	0759N	01051W	186	31	987.8	1008.7	28.7	1.2	24.6	-1.3	2	26	-78	1 124
UNITED KINGDOM (OCEAN IS.)														
ST. HELENA IS.	1556S	00540W	436		964.6	1014.7	21.3	1.8	21.0		14	50	-51	1 164
FRANCE (OCEAN ISLANDS)														
ILES GLORIEUSES	1135S	04717E	4	1010.4	1010.9	28.7	1.1	31.5	2.6	8	55	-119	1 239	
ILE JUAN DE NOVA	1703S	04242E	10	1008.2	1009.4	28.7	0.8	29.4	-1.1	6	125	-189	3 265	
ILE EUROPA	2219S	04020E	13	1009.8	1011.3	27.5	0.6	26.7	-0.5	6	89	24	4 276	
SERGE-FROLLOW (ILE TROMELIN)	1553S	05431E	13	1007.5	1008.9	28.6	1.0	32.0	3.3	12	91	-106	1 246	
SAINTE-DENIS/GILLOT (REUNION)	2053S	05531E	25	1007.8	1010.7	26.8	1.0	27.0	1.9	10	91	-213	1 218	
MARTIN DE VIVIES(ILE AMST.)	3748S	07732E	29	1010.7	1015.3	17.0	1.1	15.8	1.3	8	80	-8	4 151	
ALFRED FAURE (ILES CROZET)	4626S	05152E	142	992.7	1009.9	7.7		9.2		22	216			93
PORT-AUX-FRANCAIS(ILES KER.)	4921S	07015E	30	1004.1	1007.8	7.5	0.7	8.4	0.4	8	62	5	4 136	
MAURITIUS														
AGALEGA	1026S	05645E	3	1009.1	1009.4	28.4	0.9	32.4	1.7	15	254	68	4	
ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4	1009.0	1009.3	28.9	1.0	32.0	1.9	12	128	-30	3	
RODRIGUES	1941S	06325E	59	1004.4	1010.7	27.1	0.6	29.3	1.3	16	226	66	5 247	
PLAISANCE (MAURITIUS)	2026S	05740E	57	1004.2	1010.5	26.6	0.9	29.1	1.1	20	104	-185	1 202	
KENYA														
MOYALE	0332N	03903E	1097	31			25.3	0.6	17.8	-0.1	5	51	-4	3
ELDORET	0032N	03517E	2133		789.4	1477 Y	18.6		11.7		7	72		288 110
GARISSA	0028S	03938E	147		993.7	1009.2	30.9	0.4	23.5	-1.0	1	-42	1 226	
NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		837.9	1488 Y	22.0	1.4	13.4		2	7	-67	1 304
MALINDI	0314S	04006E	23		1006.1	1009.7	28.7		29.8		0	0	-44	1 313 110
UNITED REPUBLIC OF TANZANIA														
MWANZA	0228S	03255E	1140		885.8	1498 Y	23.6		21.5		12	147	4	4
TABORA AIRPORT	0505S	03250E	1190		881.1	1489 Y	23.6	0.7	20.0	0.9	9	123	-52	2
DODOMA	0610S	03546E	1120		889.8	1516 Y	22.7		19.8		8	131	31	4
DAR ES SALAAM AIRPORT	0652S	03912E	55		1004.1	1010.5	28.2	0.8	30.6	3.9	9	79	-55	2
SONGEA	1041S	03535E	1067		896.7	1529 Y	23.3	1.0	19.5	-1.3	17	258	5	3
MTWARA	1016S	04011E	113		997.0	1009.7	27.4		24.6		12	103	0	
SEYCHELLES														
SEYCHELLES INT. AIRPORT	0440S	05531E	3		1010.4	1010.8	28.4	0.5	29.0		8	128	-124	2 221 105
RWANDA														
KIGALI	0158S	03007E	1497		850.4	1498 Y	20.8		18.3		8	99		
CENTRAL AFRICAN REPUBLIC														
BERBERATI	0415N	01548E	583	31	944.3	1008.5	24.3	-1.2	23.4	0.4	12	234	140	5 110
BOUAR	0558N	01538E	1020	31	898.6	1501 Y	23.4	-1.8	19.6	1.1	12	144	66	5
BOSSEMBELE	0516N	01738E	674	31	934.1	1006.8	25.5	-0.9	23.1	0.9	5	47	-55	2
BOSSANGOA	0629N	01726E	465	31	955.8	1006.3	27.9	-0.2	24.1	3.2	8	41	-16	3 92
BANGUI	0424N	01831E	366	31	967.6	1008.2	25.7	-1.5	25.0	-0.7	9	135	24	5 93
N'DELE	0804N	02039E	511	31	950.2	1005.7	28.7	-0.1	20.4	2.7	6	35	6	4
BRIA	0632N	02159E	584	31	943.5	1006.7	26.6	-0.4	22.8	2.6	10	54	-39	3

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM TOTAL	DEPARTURE mm	QUINTILE	TOTAL hr	% OF AV.
<b>AFRICA</b>															
CENTRAL AFRICAN REPUBLIC															
BANGASSOU	0444N	02250E	500	31	953.0	1007.5	25.9	-0.8	22.5	-0.5	10	157	62	5	101
BIRAO	1017N	02247E	464	31	955.1	1005.2	29.6	0.6	10.4	-1.5	0	0	-3	3	
OBO	0524N	02630E	651	31	936.7	1007.1	25.1	-1.4	22.3	1.9	10	124	46	5	
BAMBARA	0551N	02039E	475	31	955.4	1007.0	27.3	0.0	24.0	1.1	6	50	-24	2	
YALINGA	0630N	02316E	602	31	941.0	1006.2	25.7	-0.4	22.3	1.4	9	115	50	5	
ALINDAO	0503N	02112E	449	31			26.7	-0.5	25.3	1.3	12	100	-5	3	
BENIN															
KANDI	1108N	00256E	292		975.4	1007.6	30.7	0.1	14.1	-1.2	1	4	-6	3	234
NATITINGOU	1019N	00123E	461		957.9	1008.3	29.3	-0.1	15.8	-1.5	2	18	-10	3	240
PARAKOU	0921N	00237E	393		965.2	1008.4	29.2	0.1	19.0	-1.8	3	11	-30	2	244
SAVE	0759N	00226E	200		986.4	1008.7	28.9	0.0	25.1	-0.5	4	63	-19	3	207
BOHICON	0710N	00204E	167		990.4	1009.1	28.3	-0.6	29.0	1.1	5	111	18	4	223
COTONOU	0621N	00223E	9	31	1008.3	1009.3	28.8	0.1	31.7	-0.1	6	79	-7	4	
TOGO															
DAPAON	1052N	00015E	330		971.3	1007.8	31.3	-0.1	13.4	2	7				
MANGO	1022N	00028E	146		991.4	1007.5	31.3	0.0	18.9	-1.3	3	49	26	5	
SOKODE	0859N	00109E	387		961.2	1008.5	28.1	0.0	21.7	-1.2	4	45	-19	3	224
ATAKPAME	0735N	00107E	402		964.3	1009.3	27.2	-0.1	24.8	0.4	7	87	-8	3	209
TABLIBGBO	0635N	00130E	44		1004.5	1009.6	28.2	-0.3	29.8	0.6	6	95	-12	3	194
LOME	0610N	00115E	25		1006.8	1009.6	28.7	0.7	32.8	2.5	2	34	-36	1	207
BURKINA FASO															
DORI	1402N	00002W	277		877.8	1008.4	30.6	0.8	8.1	-1.2	0	T	-2	4	287
OUAHIGOUYA	1334N	00225W	336		971.1	1008.0	31.0	0.7	7.9	-1.4	0	0	-2	0	263
FADA N'GOURMA	1202N	00022E	309		973.6	1007.6	31.2	0.4	11.1	-1.2	0	T	-11	2	254
BOBO-DIOULASSO	1110N	00419W	460		957.7	1007.9	30.3	0.6	12.9	-0.8	2	4	-16	2	225
BOROMO	1145N	00256W	271		977.9	1007.7	31.2	0.4	11.3	-1.5	0	0	-7	0	256
GAOUA	1020N	00311W	335		971.2	1007.9	31.0	0.4	16.7	-0.7	1	20	-13	3	261
LIBERIA															
ROBERTS FIELD	0615N	01021W	18		1009.3	1010.3	27.3	0.4	28.8	0.1	3	11	-80	1	138
FRANCE (COMOROS)															
DZAOUZI/PAMANZI (MAYOTTE)	1248S	04517E	7		1008.5	1009.3	28.0	0.6	31.0	0.9	11	98	-91	1	245
MADAGASCAR															
DIEGO-SUAREZ	1221S	04918E	105		997.8	1009.8	26.9	0.1	29.1	1.4	10	159	-32	3	
ANTANANARIVO/IVATO	1848S	04729E	1276		873.5	1510	20.9	0.6	19.2	0.8	11	314	94	5	241
TAMATAVE	1807S	04924E	6		1010.0	1010.6	25.9	0.1	28.8	0.5					
TULEAR	2323S	04344E	8		1008.8	1009.7	27.0	0.2	27.3	1.3	3	46	6	4	
MOZAMBIQUE															
BEIRA	1948S	03454E	16	31	1010.6	1012.4	27.1	0.4	27.0	-0.6	7	367	103	4	272
ZAMBIA															
KASAMA	1013S	03108E	1384		862.0	1502	21.1	0.7	19.8	1.0	14	105	-140	0	204
KABWE	1427S	02828E	1207		879.5	1501	22.6	2.0	19.1	0.0	6	38	-75	1	267
LIVINGSTONE	1749S	02549E	986		901.8	1502	25.5	2.5	18.3	-1.0	4	39	-48	2	252
MALAWI															
KAMUZO INTL.	1347S	03346E	1229	31	878.7	1507	21.7		20.2		7	927			
ZIMBABWE															
HARARE (KUTSAGA OBSY.)	1755S	03108E	1480		853.4	1511	20.2	0.5	15.7	-0.9	8	107	20	4	262
BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		866.6	1510	23.3	3.0	14.1	-1.9	3	13	-41	2	267
SOUTH AFRICA															
PIETERSBURG	2352S	02927E	1200		882.4	1521	21.4	1.3	18.1	1.7	9	48	1	3	245
PRETORIA	2544S	02811E	1300		871.9	1519	21.7	1.6	16.0	0.4	11	103	28	4	256
JAN SMUTS	2608S	02814E	1700		832.3	1519	19.1	1.4	14.1	0.2	13	219	139	6	229
ALEXANDER BAY	2834S	01632E	21		1011.0	1013.7	17.7	-0.6	16.2	-0.2	0	0	-3	0	244
UPINGTON	2824S	02116E	800		921.7	1511	26.8	2.4	10.5	-3.9	2	6	-34	1	320
KIMBERLEY	2848S	02446E	1200		881.2	1512	22.8	1.3	12.3	-2.4	8	42	-25	2	295

AFRICA-SOUTH AFRICA

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE			
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL		
AFRICA	0°	0°	0	3	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%		
SOUTH AFRICA																	
BLOEMFONTEIN (J.B.M. HERTZOG)	2906S	02618E	1400		861.6	1516	Y	20.3	1.1	12.4	-2.3	6	43	-35	2	286	106
BETHLEHEM AIRPORT	2815S	02820E	1700		832.8	1526	Y	17.8		13.2		6	66			249	100
LADYSMITH	2834S	02946E	1100		893.3	1526	Y	20.4		18.9		11	148			239	100
DURBAN (LOUIS BOTHA)	2958S	03057E	8	1001.9	1013.5		24.3	0.9	24.0	0.7	15	111	-15	3	207	104	
BEAUFORT WEST	3221S	02236E	800		923.0	1510	Y	22.4	1.8	12.9		1	9	-31	2	290	105
CAPE TOWN (D.F. MALAN)	3359S	01836E	42	1008.5	1014.3		19.6	0.5	17.3	1.0	1	14	0	3	290	101	
GEORGE AIRPORT	3400S	02223E	193		992.2	1015.9		19.3	1.4	18.9		8	32	-60	1	177	85
PORT ELIZABETH	3359S	02536E	60	1007.5	1014.8		21.0	1.0	20.2	1.1	7	31	-19	2	213	91	
EAST LONDON	3302S	02750E	125	1008.2	1014.0		21.3	0.6	21.0	1.3	10	81	-30	3	204	97	
GOUGH ISLAND	4021S	00953W	54	31	1010.0	1016.4		14.2	0.5	13.1	0.0	13	119	-128	1	104	
MARION ISLAND	4653S	03752E	22	31	1002.7	1005.4		7.7	0.5	9.1	0.3	23	185	-38	2	140	123
NAMIBIA																	
KEETMANSHOOP	2632S	01807E	1100	31	890.2	1505	Y	25.7	1.4	10.2	-2.9	3	8	-34	2	305	98
N AMERICA																	
USA																	
BARROW/W. POST W. ROGERS, AK.	7118N	15647W	4	991.3	991.8		-24.3	2.3	0.9	-0.4	0	1	-3	2			
BARTER ISLAND, AK.	7008N	14338W	15	1013.1	1015.1		-26.8	0.1	0.7	0.1	1	28	22	5			
NOME, AK.	6430N	16526W	7	1007.3	1008.2		-8.4		5.7	2.8	0.7	5	12	-3	3		
BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46	1000.5	1006.2		-6.8	5.0	3.4	1.1	3	6	-14	1			
MCGRATH, AK.	6258N	15537W	103	998.3	1011.8		-10.7	2.5	2.0	0.1		31	13	5			
FAIRBANKS/INT., AK.	6449N	14752W	138	997.0	1015.0		-10.3	2.8	2.0	0.2	0	T	-10	1			
ANCHORAGE/INT., AK.	6110N	15001W	40	1005.1	1010.1		-2.9	2.0	3.5	0.1	2	4	-13	1			
ST. PAUL, AK.	5709N	17013W	9	999.2	1000.1		-1.4	3.4	5.1	1.0	12	51	19	5			
COLD BAY, AK.	5512N	16243W	31	997.1	1001.1		0.9	2.8	5.6	0.9	18	81	22	5			
KING SALMON, AK.	5841N	15639W	15	1003.1	1005.1		-1.2	5.9	4.6	1.4	4	14	-15	2			
YAKUTAT, AK.	5931N	13940W	9	1010.5	1011.7		-0.9	0.4	9.3	4.7	12	289	47	4			
ANNETTE ISLAND, AK.	5502N	13134W	34	1008.5	1012.7		3.8	0.5	5.9	-0.2	14	119	-112	2			
KEY WEST/INT., FL.	2433N	08145W	6	1014.0	1014.7		22.8	-0.4	21.5		12	246	210	6	259	85	
MIAMI, FL.	2549N	08017W	4	1014.8	1015.1		22.2	0.1	18.7	0.4	8	99	51	5	234	85	
WEST PALM BEACH/INT., FL.	2641N	08007W	6	1014.6	1015.4		21.1		18.1		11	198		5			
ORLANDO/JETPORT/ FL.	2826N	08119W	32	1011.8	1015.5		18.9		16.0		10	289					
JACKSONVILLE/INT., FL.	3030N	08142W	9	1015.4	1016.5		15.6	-1.1	13.7	0.4	11	159	71	5	211	87	
SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15	1014.8	1016.5		14.4		11.8		10	135	4	4	195	85	
CHARLESTON/MUN., SC.	3254N	08002W	15	1015.3	1017.4		13.9	0.2	11.3	0.7	8	141	30	4	168	65	
TAMPA/INT., FL.	2758N	08232W	3	1014.9	1015.3		18.9		16.1		10	305	5	5	205	75	
TALLAHASSEE/MUN., FL.	3023N	08422W	21	1013.0	1015.3		15.0		12.8		9	240	5				
MACON/LEWIS B. WILSON, GA.	3242N	08339W	110	1003.1	1016.2		13.3	-0.3	10.8		10	108	-20	3	243	100	
AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45	1011.3	1016.7		12.2		9.8		11	108	3				
ATLANTA/MUN., GA.	3339N	08425W	-315	978.8	1016.0		11.7	0.2	8.5	0.0	10	138	-23	3	176	83	
MOBILE/BATES FIELD, AL.	3041N	08815W	67	1007.2	1015.1		15.0	-0.2	11.7		8	157	11	3			
MONTGOMERY/DANNELLY, AL.	3218N	08624W	62	1008.6	1015.8		13.9		10.6		8	122	3	209	95		
NEW ORLEANS, LA	2959N	09015W	9	1014.7	1015.5		15.6	-1.1	12.4	-1.8	6	112	-17	3	253	115	
MERIDIAN/KEY, MS.	3220N	08845W	94	1004.5	1015.9		13.9		9.5		9	100	2				
JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101	1003.3	1015.3		13.3		9.7		8	139					
LAKE CHARLES/MUN., LA.	3007N	09313W	10	1014.7	1015.8		15.0		11.3		6	114					
GALVESTON, TX.	2918N	09448W	16	1014.4	1016.4		16.1	-0.4	12.8		2	10	-42	2			
HOUSTON/INTERCONTINENTAL, TX.	2958N	09521W	33	1011.7	1015.4		15.0		10.1		4	23					
SHREVEPORT/REG., LA.	3228N	09349W	79	1006.4	1015.8		13.3	-1.1	8.8		4	38	-33	3	291	140	
BROWNSVILLE/INT., TX.	2554N	09726W	6	1013.9	1014.5		17.8	-2.5	15.4	-2.3	2	15	2	4	232	115	
CORPUS CHRISTI/INT., TX.	2746N	09730W	13	1013.2	1015.0		16.7		13.3		2	11	3	1	175	85	
SAN ANTONIO/INT., TX.	2932N	09828W	242	987.0	1015.1		14.4	-2.3	9.9	-1.4	5	28	-4	3	272	125	
AUSTIN/ROBERT MUELLER, TX.	3018N	09742W	189	993.2	1015.4		14.4		9.8		5	35	3	258	125		
VICTORIA/VICTORIA REG., TX.	2851N	09655W	36	1011.7	1015.9		16.1		11.4		3	11					
WACO/MADISON-COOPER, TX.	3137N	09713W	155	997.5	1015.8		12.8		9.5		5	42	3				
DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182	993.9	1015.5		12.2		8.9		5	43	3	268	115		
SAN ANGELO/MATHIS, TX.	3122N	10030W	582	947.8	1014.9		10.6		8.1		5	45	5				
MIDLAND/MIDLAND REG., TX.	3157N	10211W	872	915.0	1013.9		9.7	-2.6	7.0		5	31	16	5	265		
ABILENE, TX.	3225N	09941W	534	951.5	1014.8		11.1	-2.0	7.7	-0.1	5	39	11	4	250	95	
LUBBOCK/LUBBOCK INT., TX.	3339N	10149W	988	901.9	1013.8		8.9		6.1		2	10	3	253	90		
EL PASO/INT., TX.	3148N	10624W	1194	879.5	1011.7		10.6	-2.3	4.9	0.7	3	12	4	4	321	100	
TUCSON/INT., AZ.	3207N	11056W	779	924.7	1012.5		14.4		5.6		3	21	4	343	105		
PHOENIX/SKY HARBOR INT., AZ.	3326N	11201W	337	974.3	1013.3		17.2	1.3	6.1	-0.5	2	7	-14	1	351	110	

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STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.	
N AMERICA	0°	0°	3	mb	mb	°C	°C	mb	mb	days	mm	mm	hr	%		
USA																
SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9	1015.4	1016.4	15.0	0.0	11.2	0.4	5	26	-15	3	278	105	
LOS ANGELES/INT. CA.	3356N	11824W	.32	1012.2	1015.9	15.0		11.0		4	23		3			
CAPE HATTERAS, NC.	3516N	07533W	3	1016.9	1017.3	8.9	-1.8	9.6	-0.4	7	243	143	6	225	100	
RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134	1001.4	1017.6	9.4		7.9		9	74		2	216	95	
NORFOLK/INT., VA.	3654N	07612W	.9	1017.2	1018.2	8.6		8.1		9	58		1	216	90	
COLUMBIA, SC.	3357N	08107W	.69	1008.8	1017.2	11.7	-0.5	9.4		12	137	18	4	232	95	
GREENVILLE/GREENVILLE-SP., SC	3454N	08213W	296	982.4	1017.3	10.3		8.1		9	128		2	216	90	
CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234	989.9	1017.8	10.6		7.7		9	90		2	197	85	
ASHEVILLE/REG., NC.	3526N	08233W	661	940.4	1017.2	8.1	0.1	6.8	-0.7	10	72	-49	1	207	90	
GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270	985.2	1017.9	8.9		7.3		9	82		2	237	105	
CHATTANOOGA/LOVELL FIELD, TN.	3502N	08512W	210	991.7	1016.8	11.1		8.0		10	131		3	213	110	
KNOXVILLE/MUN., TN.	3549N	08359W	299	980.9	1016.3	9.4		7.7		11	118		2	242	115	
NASHVILLE/OLD HICKORY, TN.	3615N	08634W	180	994.8	1016.9	11.1	1.7	7.7	-0.2	4	30	-112	0	230	125	
N. LITTLE ROCK/MUN.APRT., AR.	3450N	09215W	165	996.3	1015.9	12.2	1.0	7.8	-0.8	4	80	-39	1	207	90	
FORT SMITH/MUN., AR.	3520N	09422W	141	998.6	1016.1	11.1		8.2		5	99		3	240	110	
OKLAHOMA CITY/W.R.WORLD, OK.	3524N	09736W	397	968.2	1015.1	10.0	0.5	7.7	0.3	4	59		6	4	301	125
TULSA/INT., OK.	3612N	09554W	206	990.8	1017.6	10.6		7.2		4	56		3	206	95	
ALBUQUERQUE/INT., NM.	3503N	10637W	1620	834.7	1012.5	6.7	-1.3	3.7	0.0	1	2	-11	1	257	95	
LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664	937.5	1014.4	12.8	-0.2	5.5	0.4	2	12	2	4	301	98	
FRESNO/AIR TERM., CA.	3646N	11943W	100	1005.3	1017.1	13.3		9.6		7	61		4	293	105	
SANTA MARIA/PUBLIC, CA.	3454N	12027W	73	1008.7	1017.3	11.3	0.1	9.6	-0.2	5	88	36	5			
RICHMOND/BYRD, VA.	3730N	07720W	54	1011.2	1017.9	8.3		6.8		8	42		1	278	120	
WASHINGTON/NAT., VA.	3851N	07702W	20	1015.8	1018.2	8.9	1.1	6.9	0.3	7	39	-53	1	200	100	
BALTIMORE/BALTIMORE-WAS., MD.	3911N	07640W	47	1012.3	1017.7	7.8		5.8		4	25		1	254	120	
ATLANTIC CITY, NJ.	3927N	07434W	20	1014.9	1017.4	5.6		6.3		10	85		2	248	125	
PHILADELPHIA/INT., PA.	3953N	07515W	9	1016.9	1018.0	7.8	2.8	6.1		4	29	-69	1	233	115	
ROANOKE/MUN., VA.	3719N	07958W	358	974.6	1017.5	8.1		6.4		11	104		4			
BECKLEY(RALEIGH CTY. M.), VA.	3747N	08107W	766	928.1	1018.1	5.9		5.5		10	49					
CHARLESTON/KANAWHA, WV.	3822N	08136W	299	981.5	1017.4	8.3		6.1		5	33		0			
CINCINNATI/GREATER CIN., OH.	3903N	08440W	267	985.6	1017.7	7.2	1.0	5.8		9	118	18	4			
LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301	980.7	1016.9	8.3		6.4		10	80		2			
LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149	998.9	1017.1	8.9		6.5		8	77		2	239	130	
HUNTINGTON/TRI-STATE, WV.	3822N	08233W	255	986.4	1017.1	8.3		6.3		9	62					
COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254	987.7	1018.3	6.7	1.9	5.6	0.2	5	52	-29	2	234	150	
DAYTON/JAMES M. COX DAY., OH.	3954N	08412W	306	981.1	1017.9	6.1	1.5	5.5	-0.4	4	56	-27	2	248	136	
EVANSVILLE/REG., IN.	3803N	08732W	118	1002.4	1016.7	8.9		7.2		6	54		1	224	110	
ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172	995.2	1015.9	9.4	3.2	7.3	0.2	7	55	-28	2	201	100	
INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246	988.1	1018.1	6.7		6.0		6	47		1	232	130	
SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187	993.7	1015.5	7.2		6.8		7	54		187	100		
SPRINGFIELD/MUN., MO.	3714N	09323W	387	968.9	1015.2	9.4		7.4		5	101		4	213	100	
COLUMBIA/REGIONAL, MO.	3849N	09213W	274	982.0	1014.8	8.6	2.2	8.1	1.7	8	46	-39	2	192	95	
KANSAS CITY, INT., MO.	3919N	09443W	312	977.4	1014.7	8.3		7.2		8	72		2	210	95	
WICHITA, KS.	3739N	09726W	408	965.9	1014.3	8.3	1.1	7.6	1.2	4	105	52	5	236	105	
DODGE CITY/MUN., KS.	3746N	09958W	790	922.1	1014.4	6.1	0.5	6.2		8	110	75	5	241	100	
TOPEKA/MUN., KS.	3904N	09537W	270	982.4	1015.1	8.3	2.8	7.4		8	150	97	5	225	110	
CONCORDIA/BLOSSER MUN., KS.	3933N	09739W	452	960.1	1013.9	6.7	2.7	6.7		10	211	172	6	221	95	
GOODLAND/RENNER FIELD/, KS.	3922N	10142W	1124	885.5	1014.6	3.3		5.0		8	63		5			
DENVER/STAPLETON INT., CO.	3945N	10452W	1625	833.3	1013.4	3.9	0.0	3.9	0.2	5	34	9	5	215	80	
GRAND JUNCTION/WALKER F., CO.	3907N	10832W	1475	850.4	1015.3	4.4	-1.4	4.5	-0.7	7	49	29	5	247	105	
SACRAMENTO/EXECUTIVE, CA.	3831N	12130W	8		1016.3	12.1	-0.3	9.4	0.5	7	80	27	4	342	134	
ELY/YELLAND, NV.	3917N	11451W	1909	806.0	1014.8	1.7	0.9	4.2	0.7	6	24	1	4	235	90	
SAN FRANCISCO/INT., CA.	3930N	11947W	1341	864.9	1015.3	6.3		4.3		5	20		4	214	70	
NEW YORK/LA GUARDIA, NY.	3737N	12223W	5	1016.6	1017.3	12.8	1.3	10.5	0.7	9	50	-17	3			
PROVIDENCE/GREEN STATE, RI.	4046N	07354W	9	1016.6	1017.6	7.2	2.1	5.8	0.5	6	113	19	4	246	120	
HARTFORD/BRADLEY INT., CT	4144N	07126W	19	1015.8	1017.8	4.4		5.6		7	143		4	248	120	
BOSTON/LOGAN INT., MA.	4156N	07241W	55	1011.0	1017.5	4.4		5.1		7	112		4	246	115	
WILKES-BARRE-SCRANTON, PA.	4222N	07102W	9	1016.8	1017.8	3.6	0.3	5.7	0.5	9	108	3	3	185	85	
BINGHAMTON/BROOME CO., NY.	4120N	07544W	289	983.0	1018.4	4.4		5.2		4	29		222	120		
ALLENTOWN/A.-BETHLEHEM-, PA.	4213N	07559W	497	957.8	1017.9	3.3		4.9		5	45		228	135		
ALBANY/ALBANY CO., NY.	4039N	07526W	117	1003.7	1018.1	5.9		5.7		5	53		1	212		
SYRACUSE/HANCOCK, NY.	4245N	07348W	89	1007.7	1018.7	3.3	1.7	5.6		5	51	-26	2	210	110	
PITTSBURGH/GREATER PITT., PA.	4307N	07607W	124	1003.3	1018.8	3.3		5.3		6	46		1	230	135	
AKRON/AKRON-CANTON REG., OH.	4030N	08013W	373	973.2	1018.1	5.6	0.9	4.6		7	63	-30	2	225	145	
YOUNGSTOWN, OH.	4055N	08126W	377	973.5	1018.7	4.4		5.5		7	72		3			
	4116N	08040W	361	974.3	1018.9	3.9		5.2		7	83		3			

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	
<b>N AMERICA</b>															
USA	0°	0°	0	9	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%
BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215	992.8	1019.0	3.3	2.5	5.4	0.4	7	93	25	5	248	155
ROCHESTER/ROCHESTER-MON., NY.	4307N	07740W	169	998.4	1019.5	2.8		5.1		7	50	2	220	125	
CHICAGO/O'HARE, IL.	4159N	08754W	205	994.0	1019.0	5.0		5.6		7	40	1	212	115	
PEORIA/GREATER PEORIA, IL.	4040N	08941W	202	992.4	1017.5	6.7		5.9		8	50	2	180	95	
FORT WAYNE/MUN., BAER FL., IN.	4100N	08512W	252	987.9	1019.4	5.0		5.6		7	34	1	239	120	
SOUTH BEND/ST. JOSEPH CO., IN.	4142N	08619W	236	989.7	1018.6	4.4		5.6		9	30	1			
TOLEDO/EXPRESS, OH.	4136N	08348W	211	993.8	1019.3	4.3		5.5		6	45		234	130	
DETROIT/METROPOLITAN, MI.	4214N	08320W	202	994.0	1019.0	4.4	2.4	5.5		7	55	-7	3	205	115
MOLINE/QUAD CITY, IL.	4127N	09031W	181	995.2	1017.1	5.6		6.0		9	65	3	172	95	
DES MOINES/MUN., IA.	4132N	09339W	294	980.9	1016.2	6.1	3.9	6.4	1.5	7	76	18	4	204	100
OMAHA, NE.	4122N	09601W	406	966.3	1016.2	5.6	2.5	6.4		10	106	59	5		
NORFOLK/KARL STEFAN, NE.	4159N	09726W	473	958.7	1015.5	3.9		5.8		11	184	6			
SIOUX CITY/MUN., IA.	4224N	09623W	336	975.3	1016.1	4.7		6.0		11	150	6	174	80	
NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849	915.5	1015.3	2.8	1.3	4.8	0.6	6	43	15	4	184	83
CHEYENNE, WY.	4109N	10449W	1872	808.4	1015.6	0.2		3.8		5	32	4	269	110	
CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612	834.8	1015.8	0.0		4.2		4	35	4			
SALT LAKE CITY/INT., UT.	4047N	11158W	1288	870.0	1015.2	6.1	1.3	4.8	-0.3	5	39	-5	3	215	90
LANDER/HUNT, WY.	4249N	10844W	1694	851.2	1015.2	0.0		0.0		11	57	5	210	80	
POCATELLO/NUM., ID.	4255N	11236W	1365	861.4	1015.6	3.9		4.6		7	21	3	236	100	
WINNEMUCCA/MUN., NV.	4054N	11748W	1322	867.1	1015.6	4.4	0.7	5.0	0.9	8	34	17	5	297	135
EUREKA, CA.	4048N	12410W	18	1014.4	1016.7	11.7	2.8	9.5		18	155	34	4		
MEDFORD/MEDFORD-JACKSON, OR.	4222N	12252W	405	967.8	1016.0	8.9	1.2	7.1	0.1	7	34	-12	3		
CONCORD/MUN., NH.	4312N	07130W	105	1005.5	1018.2	1.1		4.8		5	89	4	208	100	
PORTLAND/INT. JET PORT, ME.	4339N	07019W	19	1015.6	1018.1	1.1		5.0		8	109	4	167	85	
BURLINGTON/INT., VT.	4426N	07309W	104	1006.4	1019.6	0.6	2.1	4.7	0.9	5	34	-22	1	203	105
GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245	989.3	1019.0	2.8		4.9		7	29	196	120		
MUSKEGON/COUNTY, MI.	4310N	08615W	193	995.6	1019.0	2.8		4.9		7	38	1			
FLINT/BISHOP, MI.	4258N	08345W	233	990.7	1019.3	3.3		5.2		5	39	2			
MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211	992.7	1018.7	3.3		5.3		6	44	2	215	115	
MADISON/DANE COUNTY REG., WI.	4308N	08920W	264	985.8	1018.2	2.8	3.1	5.3		8	50	-7	3	208	115
ROCHESTER/MUN., MN.	4355N	09230W	402	969.2	1017.7	2.2		5.3		8	33				
GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214	993.2	1019.9	1.7		4.9		5	39	3	269	140	
SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435	964.1	1016.8	3.3		5.4		9	83	5			
HURON/HURON REGIONAL, SD.	4423N	09813W	393	969.2	1016.9	2.2	3.7	5.5		10	122	90	5	235	105
MINNEAPOLIS/ST. PAUL INT., MN.	4453N	09313W	255	987.3	1018.5	3.9	5.6	5.0		5	16	-28	1	285	135
RAPID CITY/REG., SD.	4403N	10304W	966	903.2	1016.8	0.6	0.3	4.5	0.5	9	29	3	4	242	105
SHERIDAN/COUNTY, WY.	4446N	10658W	1209	877.1	1016.6	2.2	2.2	4.9	1.0	9	37	10	5		
BILLINGS/LOGAN INT., MT.	4548N	10832W	1088	889.9	1016.0	3.3		4.5		7	35	4	187	75	
BOISE/MUN., ID.	4334N	11613W	874	914.7	1015.8	6.7	1.5	5.5	-0.3	7	51	25	5	191	80
PENDLETON, OR.	4541N	11851W	456	961.7	1015.7	8.0		6.6		6	35	4			
PORTLAND/INT., OR.	4536N	12236W	12	1014.6	1016.0	9.4	1.0	8.7	0.9	17	125	15	4	183	95
CARIBOU/MUN., ME.	4652N	06801W	190	994.5	1018.5	-2.2	1.9	4.1	0.5	8	31	-34	1		
SAULT STE. MARIE, MI.	4628N	08422W	221	993.6	1021.1	-1.1	3.3	3.9	0.4	4	29	-27	2	223	105
MARQUETTE, MI.	4632N	08733W	434	967.5	1020.9	-1.1	1.4	4.1		7	53	1	3	229	125
DULUTH/INT., MN.	4650N	09211W	432	966.9	1020.1	0.0	5.1	3.9	0.9	4	15	-30	1	188	88
INT. FALLS/FALLS INT., MN.	4834N	09323W	361			-1.1	5.3			4	26	-2	4		
FARGO/HECTOR FIELD, ND.	4654N	09648W	274	985.4	1019.4	-0.6		4.9		3	11	2	155	70	
BISSMARCK/MUN., ND.	4646N	10045W	506	957.0	1018.9	-2.2	1.1	4.4	0.6	5	34	16	5	128	55
WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581	947.7	1018.2	0.0		4.8		8	43	5	174	75	
GLASGOW/INT., MT.	4813N	10637W	700	933.6	1017.8	0.6		4.8		4	33	5			
HELENA/COUNTY-CITY, MT.	4636N	11200W	1188	879.5	1017.1	2.8	3.3	4.4		5	30	13	5		
MISSOULA/JOHNSON-BELL F., MT.	4655N	11405W	972	903.4	1017.1	3.3		5.2		9	32	5	242	120	
GREAT FALLS/INT., MT.	4729N	11122W	1115	887.0	1017.0	2.2	2.0	4.5	0.8	7	46	21	5	230	95
YAKIMA/YAKIMA AIR TERM., WA.	4634N	12032W	325			6.7				3	37	5			
SPOKANE/INT., WA.	4738N	11732W	721	930.7	1015.5	5.6	2.5	6.4	1.1	9	55	20	5	189	100
ASTORIA/CLATSOP, OR.	4609N	12353W	7	1014.0	1014.9	8.9		8.9		16	215				
OLYMPIA, WA.	4658N	12254W	61		1015.1	7.8	1.5	8.3	0.8	16	181	60	5		
SEATTLE/S.-TACOMA, WA.	4727N	12218W	137	998.2	1014.6	9.4		8.2		16	140	5	187	105	
QUILLAYUTE, WA.	4756N	12433W	62	1006.3	1013.9	7.8	1.8	8.8	0.9	21	340	36	4		
BLUE HILL OBSR. WB., MA.	4213N	0707W	195	992.4	1016.8	2.7	1.0	5.4	0.4	10	138	19	4	152	85
CANADA															
NORMAN WELLS, N.W.T.	6517N	12648W	73	1014.1	1024.0	-19.7	0.0	1.0	-0.1	0	4	-9	1	234	140
MOULD BAY A, N.W.T.	7614N	11919W	12	1023.4	1025.1	-32.8	-0.1	0.3	-0.1	0	2	-1	3	129	115
HALL BEACH, N.W.T.	6847N	08115W	8	1019.1	1020.2	-29.3	0.5	0.5	-0.1	0	2	-9	1		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE	TOTAL hr	% OF AV.
<b>N AMERICA</b>																
<b>CANADA</b>																
ALERT,N.W.T.	8230N	06220W	63	1015.2	1024.7	-35.4	-2.3	0.2	-0.1	0	4	-3	2	115	170	
CLYDE,N.W.T.	7028N	06837W	25	1016.4	1020.1	-28.5	-2.1	0.4	-0.2	1	5	-1	4	194	120	
SANDSPIT,B.C.	5315N	13149W	6	1010.6	1011.4	4.6	0.7	7.1	0.1	13	104	4	3	128	105	
PORT HARDY,B.C.	5041N	12722W	22	1009.9	1012.6	6.7	2.3	8.1	0.9	17	150	8	3	114	115	
SABLE ISLAND,N.S.	4356N	06001W	4	1013.8	1014.3	-1.0	-1.6	5.0	-0.7	8	58	-59	1	98	85	
SHEARWATER,N.S.	4438N	06330W	41	1009.5	1015.9	-1.5	-0.7	4.7	-0.2	11	94	-23	2	132	90	
TORONTO INT.AIRPORT ONT.	4341N	07938W	176	997.8	1019.2	1.8	2.8	5.1	0.4	4	44	-17	2			
MONTRÉAL INT.AIRPORT, QUE	4528N	07345W	30	1014.7	1019.2	-0.1	2.4	4.9	0.9	10	66	-8	3	174	110	
SYDNEY,N.S.	4610N	06003W	60	1007.9	1015.7	-3.8	-1.4	4.3	-0.1	12	125	-6	3	137	110	
CHATHAM,N.B.	4701N	06527W	34	1013.6	1017.8	-5.6	-2.3	4.0	0.0	9	75	-22	2	148	100	
MANIWAKI,QUE.	4623N	07558W	170	997.4	1018.7	-1.0	3.9	4.5	0.6	6	81	31	5	176	120	
BAGOTVILLE,QUE.	4820N	07100W	163	1000.1	1020.2	-2.7	3.7	4.0	0.7	5	12	-39	0			
NORTH BAY,ONT.	4622N	07925W	369	974.2	1020.1	-2.2	3.0	4.2	0.9	7	72	11	4	173	115	
GANDER INT.AIRPORT, NFLD.	4857N	05434W	147	995.5	1014.5	-3.9	-0.4	4.1	0.1	13	100	-10	3	95	90	
SEPT-ILES, QUE.	5013N	06616W	55	1012.7	1019.8	-4.4	2.2	3.5	0.6	8	45	-38	2	147	95	
STEPHENVILLE,NFLD.	4832N	05833W	26	1012.2	1015.5	-3.6	-0.8	4.0	0.0	9	35	-46	1			
GOOSE,NFLD.	5319N	06025W	44	1013.3	1019.6	-8.1	0.5	2.9	0.2	10	35	-37	1	113	90	
KAPUSKASING,ONT.	4925N	08228W	229	993.6	1022.3	-5.7	3.7	2.9	0.1	9	37	-18	2			
MOOSONEE,ONT.	5116N	08039W	10	1021.6	1023.0	-9.0	3.3	2.7	0.3	7	21	-17	2	159	105	
BIG TROUT LAKE,ONT.	5350N	08952W	222	995.6	1024.1	-8.4	6.0	2.7	0.7	4	22	0	3	169		
WINNIPEG INT.AIRPORT, MAN	4955N	09714W	240	990.9	1021.0	-4.7	3.4	3.9	0.7	4	13	-10	2	156	90	
REGINA,SASK.	5026N	10440W	574	948.2	1019.1	-2.1	5.7	4.4	1.0	4	22	4	4	110	70	
THE PAS,MAN.	5358N	10106W	271	986.7	1021.2	-7.4	3.8	3.2	0.8	8	26	2	4	134	75	
LETHBRIDGE,ALTA.	4938N	11248W	920	907.3	1017.7	-0.2	1.9	4.5	0.5	11	38	14	5	116	70	
EDMONTON MUNICIPAL ALTA.	5334N	11331W	676	936.9	1018.8	-4.6	0.4	3.6	0.2	7	24	6	4	118	70	
VANCOUVER INT. AIRPORT, BC	4911N	12311W	3	1014.6	1014.9	8.0	2.2	8.9	1.4	13	143	42	5	126	100	
PRINCE GEORGE,B.C.	5353N	12241W	691	931.7	1015.1	0.2	2.0	4.3	0.1	9	39	2	3	144	105	
KUUJJUAQ, QUE.	5806N	06825W	37	1019.2	1023.7	-18.0	-0.3	1.3	-0.2	6	20	-6	3	186	115	
INUJKUAK, QUE.	5827N	07807W	8	1023.3	1023.7	-20.0	0.5	1.1	-0.1	3	18	9	5	212	135	
FROBISHER BAY,N.W.T.	6345N	06833W	34	1017.3	1021.9	-24.5	-1.8	0.6	-0.4	2	8	-15	2	206	115	
CHURCHILL,MAN.	5845N	09404W	29	1019.7	1023.5	-17.0	3.4	1.6	0.5	5	24	6	4	171	90	
CORAL HARBOUR,N.W.T.	6412N	08322W	64	1012.8	1021.7	-25.7	-0.5	0.6	-0.2	5	22	11	5	150	75	
EUREKA,N.W.T.	8000N	08556W	10	1023.4	1025.0	-39.7	-2.3	0.2	0.0	1	2	0	4	130	110	
RESOLUTE,N.W.T.	7443N	09459W	67	1013.3	1022.9	-32.3	-0.9	0.3	-0.1	2	5	2	5	168	115	
CAMBRIDGE BAY,N.W.T.	6906N	10507W	27	1021.3	1025.2	-30.4	0.9	0.4	0.0	0	3	-2	2	179	95	
BAKER LAKE, N.W.T.	6418N	09600W	18	1022.0	1024.6	-25.6	2.3	0.6	0.1	8	23	15	6	147	75	
FORT SMITH,N.W.T.	6001N	11158W	203	996.5	1022.9	-13.5	1.3	2.2	0.1	10	28	14	5	140	80	
COPPERMINE,N.W.T.	6749N	11508W	22	1023.3	1026.4	-26.0	1.2	0.7	0.0	5	14	4	5	178	110	
FORT NELSON,B.C.	5850N	12236W	382	973.4	1022.1	-10.4	-0.7	2.1	-0.4	6	17	-7	2	154		
INUVIK,N.W.T.	6818N	13329W	68	1014.4	1023.7	-22.4	2.6	0.8	0.1	3	5	-7	1	205	140	
WHITEHORSE,Y.T.	6043N	13504W	703	930.4	1017.6	-10.0	-1.9	2.3	-0.3	1	3	-11	1	223	145	
<b>MEXICO</b>																
UNIV. DE CHIHUAHUA, CHIH.	2838N	10605W	1435		1013.4	12.1	-3.6	0.5	-6.9	0	0	-3	0			
TORREON,COAH.	2532N	10327W	1124		886.5	1009.2	18.9	-1.6	8.4	-1.8	0	0	-2	0	276	
MONTERREY,N.L.	2552N	10012W	512		955.6	1014.4	17.0	-3.2	12.2	-1.2	3	24	9	4	165	120
COLONIA JUAN CARRASCO MAZ.	2312N	10625W	4		1011.7	1011.7	20.6	-0.1	17.4	-0.3	1	1	-7	5	285	195
ZACATECAS,ZAC.(LA BUFA,ZAC)	2247N	10234W	2612		744.0	1009.1	10.7	-2.3	0.5	0	0	0	-3	0	302	
TAMPICO, TAMPS	2213N	09751W	9		1009.8	1012.8	21.0	-1.1	9.0	-11.0	2	5	-9	2	136	
GUANAJUATO,GTO.	2101N	10115W	1999		802.3	1008.5	17.0	-1.2	12.0	-0.1	1	2	-2	3	271	100
GUADALAJARA,JAL.	2040N	10323W	1551		844.6	1009.4	18.5	-0.8	8.6	-1.9	1	2	-4	4	263	100
AEROP. INT. MERIDA,YUC.	2059N	08939W	9		1009.6	1010.6	25.2	-0.8	22.7	0.1	6	47	33	5	226	115
MANZANILLO, COL.	1903N	10420W	3		1011.8	1012.2	24.1	0.1	21.2	-0.5	0	0	-5	0	296	
MORELIA,MICH.	1942N	10111W	1913		809.7	1007.7	17.9	-0.5	8.4	-2.8	1	6	2	4	243	110
COATZACOALCOS,VER.	1809N	09425W	23		1009.6	1013.6	24.0	-1.0	26.2	5.0	5	25	-23	2	195	
OAXACA,OAX.	1704N	09643W	1550		844.1	1006.3	20.9	-0.6	11.9	1.0	2	10	0	3	283	135
SN.CRISTOBAL LAS CASAS,CHIS	1644N	09238W	2276		790.8	1008.0	15.7	1.8	12.7	3	11	-4	3	243	125	
<b>BAHAMAS</b>																
NASSAU AIRPORT	2503N	07728W	7		1014.3	1015.1	22.0	-0.1	18.7	-1.3	7	66	36	5	7	85
<b>CUBA</b>																
CASA BLANCA,HABANA	2310N	08221W	50		1007.7	1013.6	22.9	-0.3	22.1	1.6	11	235	192	6		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUNSHINE			
					MEAN mb	STATION mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE %	QUINTILE	TOTAL hr	% OF AV.	
<b>N AMERICA</b>																	
JAMAICA																	
MONTEGO BAY/SANGSTER	1830N	07755W	8		1012.6	1013.5	26.0	0.9	26.0	2.7	5	54	-21	4	257	100	
KINGSTON/NORMAN MANLEY	1756N	07647W	14		1010.9	1012.5	26.5	0.4	24.8	1.2	2	6	-14	3	276	100	
<b>DOMINICAN REPUBLIC</b>																	
PUERTO PLATA	1945N	07033W	15		1012.9	1014.2	24.0	0.3	24.6	0.4	11	134	0	5			
SANTO DOMINGO	1826N	06953W	14		1011.9	1013.5	25.5	0.8	23.7	-1.1	5	42	-9	3			
<b>BELIZE</b>																	
BELIZE/INT. AIRPORT	1732N	08818W	5		1011.0	1011.5	26.1	0.1	27.1	1.0	3	109	56	5			
<b>NICARAGUA</b>																	
MANAGUA A.C.SANDINO	1209N	08610W	56		1000.4	1009.7	29.1	0.7	25.3		0	0	-4	6	289	110	
<b>COSTA RICA</b>																	
PUNTARENAS	0958N	08450W	3		1009.7	1009.7	29.1	0.0	30.2	2.4	2	9	2	4		90	
JUAN SANTAMARIA	1000N	08413W	939		908.9	1009.5	24.6	2.2	18.8	1.9	4	33	20	5	260	95	
PUERTO LIMON	1000N	08303W	3		1010.4	1010.4	26.0	0.5	28.5	1.5	9	93	-108	2		115	
<b>ST. MAARTEN, ST. EUSTATIUS &amp; JULIANA AIRPORT, ST. MAARTEN</b>																	
1803N 06307W	9				1013.7	1014.2	25.9	-0.1	25.4		6	100	62	6	231	85	
<b>ST. MARTIN, ST. BARTHÉLEMY, &amp; LE RAIZET, GUADELOUPE</b>																	
1616N 06131W	8	31			1012.6	1013.5	25.2	1.0	23.7	0.5	8	54	7	3	226	88	
<b>MARTINIQUE</b>																	
LE LAMENTIN	1436N	06100W	4	31	1012.0	1012.8	25.3	1.2	25.1	1.8	4	43	-27	2	284	104	
<b>BARBADOS</b>																	
GRANTLEY ADAMS	1304N	05929W	56		1006.8	1013.3	26.2	0.3	24.9	-0.2	5	38	0	3	268	97	
<b>TRINIDAD AND TOBAGO</b>																	
PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1009.8	1012.3	26.6	1.1	24.7	-0.2	1	3	-29	1	264	105	
<b>CURACAO AND BONAIRE</b>																	
HATO AIRPORT, CURACAO	1212N	06858W	67		1009.8	1010.7	27.2	0.6	27.3	0.8	1	9	-7	3	266	99	
<b>COLOMBIA</b>																	
SAN ANDRES (ISLA)	1235N	08143W	6	31	1011.1	1011.2	27.2	0.3	27.9	0.3	3	14	-6	3			
<b>S AMERICA</b>																	
SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14	31	1006.0	1007.0	28.0		28.0		0	0					
CARTAGENA/CRESPO	1027N	07531W	12	31	1008.4	1008.6	27.4		29.3		0	0				95	
BARRANQUILLA/ERNESTOCORTISSO	1054N	07446W	30	31	1006.8	1008.4	27.7	0.8	28.0	1.2	0	0	-1	4		99	
APARTADO	0748N	07642W	30	31			28.1		29.2		2	19					
BARRANCABERMEJA/YARIGUIES	0701N	07348W	134	31			28.5	-0.1	29.7	1.8	10	254	125	5		109	
BUCARAMANGA/PALONEGRO	0706N	07312W	1189	31			21.3		22.2		9	221					95
CUCUTA/CAMILO DAZA	0756N	07231W	317	31	974.6	1009.5	27.6	1.1	26.3	2.1	10	167	94	6			
ARAUCA/SANTIAGO PEREZ	0704N	07044W	128	31			29.2		24.2		4	45					
RIONEGRO/J.M.CORDOVA	0611N	07526W	2142	31	790.0		17.5		15.0		9	91					
PUERTO CARRERO	0610N	06730W	55	31			30.5		26.2		5	30					
QUIBDO/EL CARANO	0543N	07637W	33	31			27.4		30.7		22	630					
PEREIRA/MATECANA	0449N	07548W	1342	31	864.7		22.3		19.4		16	152					
IBAGUE/PERALES	0426N	07509W	928	31			25.0		21.7		9	94				109	
BOGOTA/ELDORADO	0442N	07408W	2548	31	752.9		13.6	0.1	12.3	0.1	7	26	-26	2		122	
VILLAVICENCIO/VANGUARDIA	0410N	07337W	431	31			27.1		24.8		10	266					
GAVIOTAS	0433N	07055W	167	31	986.4	1005.9	28.3	0.6	24.9	0.0	4	40	-119	1		118	
CALI/PALMASECA	0333N	07623W	969	31	904.5		23.9	-0.1	21.8	0.9	6	137	22	4		109	
NEIVA/LA MANGUITA	0258N	07518W	443	31			28.0	-0.2	24.6	0.1	12	161	63	6		108	
TUMACO/EL MIRA	0134N	07841W	5	31			27.1	0.9	30.0	1.0	18	336	48	4		110	
PASTO/ANTONIO NARINO	0125N	07716W	1826	31	819.9		20.1		16.5		8	67				116	
IPiales/SAN LUIS	0049N	07738W	2961	31			11.3		10.9		6	39				130	
LETICIA/VASQUEZ COBO	0410S	06957W	84	31	999.1	1008.6	27.0	1.0	30.5	1.5	17	344	-18	3		119	

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## SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	% OF AV.
S AMERICA	0°	0°	3		mb	mb	°C	°C	mb	mb	mm	mm	%
VENEZUELA													
MARACAIBO-LA CHINITA	1034N	07144W	65		849.1	917.1	22.3	-5.0	20.6	-5.4	0	T	-6 3 204 81
MARACAY - B.A. SUCRE	1015N	06739W	437		963.9	1012.0	27.8	2.7	26.8	7.2	1	5	-2 4 253 89
CARACAS/LA CARLOTA	1030N	06653W	835	31	917.1		22.3	0.7	20.6	1.5	0	T	-10 3
BARCELONA	1007N	06441W	7	31	1008.5	1009.3	26.8	0.1	22.4	-3.0	0	T	-4 3
MERIDA	0836N	07111W	1498		851.8	1515 Y	20.4	1.4	17.4	0.1	7	63	13 4 227 99
CIUDAD BOLIVAR	0809N	06333W	48		1005.4	1010.5	28.0	0.0	18.1	-6.7	0	0	-13 2 273 103
SAN ANTONIO DEL TACHIRA	0751N	07227W	378		967.9	1009.8	26.4	0.9	25.2	1.5	10	42	9 3 160 87
PUERTO AYACUCHO	0536N	06730W	74		1000.5	1008.9	29.3	0.6	24.9	-1.8	8	82	-14 3 241 95
SANTA ELENA DE UAIREN	0436N	06107W	907		912.0	1489 Y	22.8	0.6	21.3	1.6	9	103	24 4 202 100
GUYANA													
GEORGETOWN	0648N	05809W	2		1011.7	1012.1	27.6	0.6	28.0	0.5	4	202	95 5 275 132
TIMEHRI	0630N	05815W	30		1008.3	1011.8	25.8	0.4	25.5	-1.3	2	3	-121 0 229
SURINAME													
ZANDERIJ	0527N	05512W	15		1009.2	1011.6	26.7	1.7	26.3	6.3	4	37	-120 1 205
FRENCH GUIANA													
CAYENNE/ROCHAMBEAU	0450N	05222W	9		1011.0	1012.1	26.5	0.9	27.7	-0.2	9	41	-362 0 203 148
BRAZIL													
BOA VISTA	0249N	06039W	90				28.7	1.2	29.0	4.3	5	194	145 6
BELEM	0127S	04828W	24		1010.5	1010.9	25.7	0.2	30.6	1.8	25	469	28 3
SAO LUIZ	0232S	04417W	51		1004.6	1010.3	24.5	-1.4	29.8	0.7	25	699	345 6
MANAUS	0308S	06001W	72		1001.8	1010.0	26.5	0.7	30.3	1.8	14	277	-43 3
BENJAMIN CONSTANT	0423S	07002W	65		1004.8	1013.1	26.2	-0.1	29.8	2.3	12	194	146 1
COARI	0405S	06305W	46		1002.3	1007.9	26.9	0.7	35.5	4.9	16	238	-6 3
BARRA DO CORDA	0530S	04516W	153		991.9	1011.8	25.7	0.4	29.2	0.0	17	126	-100 2
SAO FELIX DO XINGU	0638S	05158W	150		989.9	1011.2	25.2		28.0		24	562	
CRUZEIRO DO SUL	0738S	07240W	170		986.1	1006.9	25.5	0.4	30.0	1.5	13	121	-179 0
CAROLINA	0720S	04728W	192		988.8	1012.8	25.4		28.2		21	542	
PORTO VELHO	0846S	06305W	95		1000.4	1007.2	25.3	-0.4	28.6	-0.7	18	237	-40 3
RECIFE (CURADO)	0803S	03455W	7		1010.5	1011.4	26.5	0.1	29.6	2.3	26	476	213 6
PETROLINA	0923S	04029W	370		968.6	1009.9	25.9	-0.7	25.3	2.1	10	172	50 4
PORTO NACIONAL	1031S	04843W	250		983.7	1010.7	25.5	0.0	28.3	0.6	17	352	122 6
ARACAJU	1055S	03703W	6		1010.6	1011.3	20.6	-6.4	28.0	-0.4	13	133	-2 4
VILHENA	1244S	06008W	652		941.7	1009.5	23.7		25.7		19	283	
SALVADOR	1301S	03831W	51		1004.3	1010.2	27.0	0.5	28.6	2.1	15	130	-14 3
BOM JESUS DA LAPA	1316S	04325W	440		960.6	1011.5	26.1	-0.6	26.4	3.5	10	70	-59 2
CUIABA	1533S	05607W	179		992.4	1009.3	26.1	-0.3	27.2	0.3	13	251	58 4
BRASILIA	1547S	04756W	1158		885.8	1010.0	21.1	-0.3	21.0	1.4	21	315	136 5
MONTES CLAROS	1643S	04352W	646		939.6	1010.8	24.2		22.9		8	162	4
CARAVELAS	1744S	03915W	3		1011.6	1012.1	27.4	1.4	23.7	-3.7	16	100	-10 4
CORUMBA	1900S	05739W	130		993.1	1010.6	26.0	-0.6	27.9		10	63	-59 1
BELO HORIZONTE	1950S	04356W	850		911.6	1011.9	23.4	0.4	20.2	-1.9	11	220	84 5
CAMPO GRANDE	2028S	05440W	560		951.9	1010.9	23.2	-1.5	22.6	-1.7	11	131	3 3
TRES LAGOS	2047S	05138W	313		974.1	1011.6	25.6	-0.7	23.9	-1.9	8	108	-20 3
JUIZ DE FORA	2146S	04321W	939		910.7	1013.6	20.5	-1.3	20.6	0.3	14	163	-21 3
PONTA PORA	2232S	05544W	650		935.7	1010.7	22.5	-0.5	21.1	-1.6	14	138	-26 3
RIO DE JANEIRO	2255S	04310W	5		1013.5	1013.7	25.6	-0.3	27.7	2.4	6	63	-80 2
LONDRINA	2323S	05111W	566		947.2	1010.9	23.2	-0.1	20.4	-0.8	6	93	-40 2
SAO PAULO	2330S	04637W	792		923.7	1011.8	21.5	0.2	20.3	-0.4	9	177	27 4
IGUAPE	2443S	04733W	3		1012.6	1013.1	24.0	-0.5	26.2	-0.5	9	149	-99 1
CURITIBA	2526S	04916W	923		911.5	1013.8	19.3	-0.2	18.3	-1.1	4	27	-112 0
FLORIANOPOLIS	2735S	04834W	2		1012.8	1013.0	24.2	0.9	24.5		9	110	-38 3
PORTO ALEGRE	3001S	05113W	47		1007.4	1012.9	23.5	0.4	22.3	-0.1	5	89	-16 3
ST. VITORIA DO PALMAR	3331S	05321W	24		1009.5	1013.7	21.9	1.6	22.2	2.1	9	49	-53 2
ECUADOR													
SAN CRISTOBAL (GALAPAGOS)	0054S	08936W	6	31	1008.2		26.3	0.2			6	253	152 5
IZOBAMBA-SANTA CATALINA	0022S	07833W	3058	31	705.9		12.2	0.6	11.2	0.1	10	128	-62 1
NUEVO ROCAFUERTE	0055S	07524W	215	31			26.2	0.6	30.1	1.3	8	162	-77 125
PORTO VIEJO-GRANJA	0102S	08026W	44	31	1004.0		27.2	1.2	29.8	3.4	21	138	42 4
PICHILINGUE	0106S	07928W	73	31	1001.0		25.7	-0.1	29.7	0.9	10	565	107 4
EL PUYO	0130S	07757W	950	31			21.8	0.9	24.3	2.6	18	302	-131 85

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## SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE
					MEAN mb	STATION mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	% OF AV.
<b>S AMERICA</b>													
ECUADOR	0°	0°	m	m									
MILAGRO	0207S	07936W	13	31			27.0	0.6	29.5	1.3	20	532	177
CANAR	0233S	07856W	3120	31			11.2	-0.1	11.7	0.7	11	76	12
LOJA/LA ARGELIA	0402S	07912W	2040	31			16.7	0.7	14.2	0.6	11	114	-17
PERU													
TUMBES	0333S	08024W	27	1009.3	1009.7	25.8	28.3			0	0		1
IQUITOS	0345S	07315W	126	997.9	1011.8	26.4	0.0	28.2	1.1	9	148	-180	1
TALAR	0434S	08115W	90	999.5	1009.4	27.9	2.7	26.3	4.3	3	17	16	6
PIURA	0511S	08036W	55	1005.6	1011.5	28.1	-0.1	27.4	6.4	6	104	91	6
YURIMAGUAS	0554S	07605W	184	991.7	1012.9	27.3	0.9	27.5	-1.0	8	234	13	3
MOYOBAMBA	0602S	07658W	833	899.0	916.1	24.8	2.1	23.4	0.1	1	30	-158	0
CHACHAPOYAS	0613S	07750W	2435	753.1	767.6	15.4	0.2	8.9	-4.0	2	22	-96	0
CHICLAYO	0647S	07950W	34	1006.5	1009.5	27.5	3.3	26.4	4.8	0	0	-9	2
TARAPOTO	0627S	07623W	282	981.1	1016.2	26.4	0.1	26.4	-1.0	4	38	-107	0
CAJAMARCA	0708S	07828W	2622	739.8		16.7	1.6	12.1	1.2	9	29	-75	1
JUANJUI	0713S	07643W	363	977.3	1016.3	27.8	1.5	26.5	-0.3	8	97	-74	1
PUCALLPA	0825S	07436W	149	991.8	1008.8	26.3	-0.3	28.0	-0.2	9	83	-113	0
CHIMBOTE	0910S	07831W	21	1009.8	1011.0	26.7	3.3	24.7	2.2	0	0	-12	0
TINGO MARIA	0908S	07557W	665	939.1	1010.6	25.2	1.0	26.6	2.3	18	196	-164	1
ANTA (HUARAZ)	0921S	07736W	2750	736.8		19.1	2.9	11.9	1.1	13	140	-183	3
LIMA-CALLAO/AEROP. INT.	1200S	07707W	13	1008.4	1009.9	24.4	2.5	23.8	1.2	0	T	T	4
AYACUCHO	1308S	07413W	2749	731.8		19.8	3.3	12.0	0.9	10	53	-40	2
CUZCO	1333S	07159W	3249	688.2		13.1	0.5	8.6	-0.7	9	68	-36	1
PISCO	1345S	07617W	7	1008.0	1008.7	23.9	1.7	22.2	0.6	0	0	-1	0
SAN JUAN	1523S	07510W	60	1004.7	1011.7	23.6	1.6	22.2	2.6	10	0	0	5
AREQUIPA	1619S	07133W	2520	752.4		15.3	-0.3	9.5	-3.4	1	1	-22	2
TACNA	1804S	07018W	458	959.0	1011.0	22.2	0.5	19.6	3.0	0	0	0	5
BOLIVIA													
COBIJA	1105S	06852W	252			26.9	1.3	20.5		4	70	-125	1
RIBERALTA	1101S	06607W	135		1003.3	27.5	0.7	20.4		13	300	28	4
SAN JOAQUIN	1304S	06440W	140			28.4	1.4	19.8		10	81	-69	1
MAGDALENA	1320S	06409W	141		1007.5	27.5		20.3		9	305	4	
SANTA ANA	1343S	06535W	144		1008.6	28.7		20.2		6	29	0	
RURRENABAQUE	1429S	06729W	202		1004.9	28.2	1.3	19.9		10	168	-52	2
TRINIDAD	1451S	06457W	157		1009.2	28.8	1.6	20.6		7	118	-90	1
CONCEPCION	1615S	06206W	497		1010.3	25.3	0.2	18.4		10	169	40	5
LA PAZ/ALTO	1631S	06811W	4071	627.2		10.3	1.5	5.1		11	50	-27	3
SAN IGNACIO DE VELASCO	1622S	06057W	413		1007.0	26.2	1.2	19.7		8	86	-82	1
COCHABAMBA	1727S	06606W	2548	749.7		20.2	1.3	8.3		9	52	-7	3
ORURO	1803S	06704W	3702	653.2		13.7	1.2	5.9		7	50	7	4
SANTA CRUZ	1748S	06310W	414		1008.2	27.3	1.2	18.8	-4.0	13	287	184	6
ROBORE	1819S	05945W	265		1008.4	27.1	-0.1	19.4		9	110	-31	2
SUCRE	1901S	06516W	2903	719.5		17.0	1.4	7.9		6	32	-72	1
PUERTO SUAREZ	1900S	05744W	135		1004.0	27.6	0.1	20.0		12	160	59	4
CAMIPI	2003S	06334W	810			28.0	3.7	16.0		3	77	-32	3
YACUIBA	2201S	06342W	643		1000.7	25.8	1.6	18.2	-2.8	4	152	-47	3
CHILE													
ARICA	1821S	07020W	55	31	1005.8	1013.2	23.2	1.9	19.6	1.3	0	0	0
ANTOFAGASTA	2326S	07027W	140	31	998.5	1012.5	19.8	1.2	17.8	1.8	0	0	0
ISLA DE PASCUA	2710S	10926W	69	31	1010.8	1016.4	23.2	0.1	23.3	1.2	20	78	-10
LA SERENA	2955S	07112W	146	31	996.8	1013.6	17.2	1.6	16.7	2.3	1	2	1
ISLA ROBINSON CRUSOE	3377S	07850W	30	31	1012.4	1015.0	18.7	0.7	15.7	1.3	10	65	8
VALDIVIA	3938S	07305W	19	31	1011.2	1013.4	14.6	1.0	13.1	0.6	7	98	20
PUERTO MONTT	4126S	07306W	90	31	1004.1	1014.3	12.9	0.9	12.2	0.1	11	87	-2
PUNTA ARENAS	5300S	07051W	44	31	997.6	1002.0	8.3	-0.2	8.1	-0.1	5	13	-24
PARAGUAY													
MARISCAL ESTIGARRIBIA	2201S	06036W	181		992.2	1012.7	25.7	-1.7	21.6	-0.3	10	251	167
PUERTO CASADO	2217S	05752W	87		999.1	1009.1	25.3	-1.8	25.2	-0.3	7	113	3
PEDRO JUAN CABALLERO	2235S	05539W	662		938.6		22.5	-0.7	20.4		11	134	-29
CONCEPCION	2325S	05718W	74		1002.2	1011.9	25.9	-0.6	23.1	-1.2	5	95	-34
PASO BARRETO	2303S	05659W	95		1001.9	1013.0	25.1		24.7		7	222	
ASUNCION/AEROPUERTO	2516S	05738W	101		1001.6	1012.3	24.7	-1.8	22.7	-0.7	4	50	-107

S AMER-PARAGUAY

## SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	TOTAL
<b>S AMERICA</b>														
<b>PARAGUAY</b>														
VILLARRICA	2545S	05626W	161	995.2	1013.0	24.1	-0.9	22.9	-0.8	5	86	-75	2	
PUERTO PRESIDENTE STROESSNER	2532S	05436W	196	989.8	1011.0	24.7	-0.1	22.1	-2.0	4	101	-43	2	
PILAR	2651S	05819W	56	1006.7	1013.3	25.9	0.4	24.3	0.3	3	83	-65	2	
SAN JUAN BAUTISTA MISIONES	2640S	05709W	126	999.5	1013.9	24.6	-0.3	24.1	2.4	5	65	-94	1	
ENCARNACION	2719S	05550W	91	1003.9	1013.1	23.8	-0.8	22.4	-0.4	5	124	-20	3	
<b>URUGUAY</b>														
SALTO	3123S	05757W	34	1008.2	1012.4	26.2	4.8	20.3	6.1	2	38	-108	1	
MELO	3222S	05411W	100	1001.7	1013.4	23.9	2.9	21.1	8	69	-50	2		
PASO DE LOS TOROS	3248S	05631W	75	1004.2	1013.1	24.3	2.6	20.5	7	109	-38	3		
MERCEDES	3315S	05804W	22	1010.9	1013.0	25.3	4.2	20.6	7	138	6	4		
TREINTA Y TRES	3313S	05423W	46	1008.6	1014.1	23.5	3.1	21.3	12	153	41	4		
COLONIA	3427S	05750W	23	1010.2	1012.9	24.0	2.6	19.6	7	213	93	5		
ROCHA	3429S	05418W	18	1008.0	1010.0	21.6	1.3	20.5	11	113	25	4		
EL PRADO	3451S	05612W	16	1011.6	1013.5	23.7	2.7	21.0	7.7	7	132	39	5	
<b>ARGENTINA</b>														
LA QUIACA OBSERVATORIO	2206S	06536W	3459	673.1	3125 Z	11.0	-1.0	8.4	-0.3	8	59	15	4	
ORAN AERO	2309S	06419W	357	968.0	1008.2	24.0	0.6	25.1	0.6	9	106	-19	3	116
JUJUY AERO	2423S	06505W	904	910.3	1498 Y	22.4	2.4	19.5	-1.3	8	78	-72	2	115
SALTA AERO	2451S	06529W	1221	877.3	1491 Y	19.4	0.7	17.8	0.1	11	80	-34	2	136
RIVADAVIA	2410S	06254W	205	984.4	1007.5	25.8	0.3	23.1	0.2	7	108	19	4	
LAS LOMITAS	2442S	06035W	130	995.0	1009.6	26.0	0.7	23.3	0.9	2	22	-90	1	263
IGUAZU AERO	2544S	05428W	270	981.0	1011.5	24.1	0.8	22.3	-1.7	4	57	-90	1	189
TUCUMAN AERO	2651S	06506W	450	955.9	1008.8	23.5	20.7		6	48		226		
SANTIAGO DEL ESTERO AERO.	2746S	06418W	199	986.0	1008.6	24.7	1.3	29.2	8.0	7	64	-17	3	214
PRES. ROQUE SAENZ PENA AERO	2649S	06027W	92	999.9	1010.4	25.0	0.0	23.4	0.0	5	42	-76	1	266
RESISTENCIA AERO.	2727S	05903W	52	1004.4	1010.4	25.0	0.9	23.4	0.5	5	42	-112	1	266
FORMOSA AERO	2612S	05814W	60	1002.8	1009.5	25.7	0.2	24.1	-0.2	4	65	-84	1	267
CORRIENTES AERO.	2727S	05846W	62	1003.6	1010.7	25.0	0.5	24.0	1.0	6	82	-57	2	275
POSADAS AERO.	2722S	05558W	125	996.3	1011.5	25.0	0.9	23.0	0.8	4	139	0	3	173
LA RIOJA AERO.	2923S	06649W	429	959.0	1007.0	23.3	-0.2	19.6	0.2	2		-58	1	219
CATAMARCA AERO.	2836S	06546W	454	956.3	1006.8	25.1	1.3	18.6	-0.6	6	51	-14	3	212
CERES	2953S	06157W	88	1000.4	1010.6	23.3	0.6	20.9	-0.5	8	247	112	5	234
RECONQUISTA AERO	2911S	05940W	53	1004.8	1010.8	24.1	1.2	23.5	0.6	8	275	108	5	249
PASO DE LOS LIBRES AERO	2941S	05709W	70	1002.6	1010.6	24.1	0.7	21.4	0.4	8	351	207	6	193
JACHAL	3015S	06845W	1165	883.5	1495 Y	18.1	-1.9	13.2	-0.7	2	6	-16	2	129
SAN JUAN AERO	3134S	06825W	598	943.0	1009.5	22.4	0.5	17.6	3.0	4	19	11	5	228
CHAMICAL AERO	3022S	06617W	461	957.9	1009.2	24.6	0.3	16.4	-1.1	2	3	0		
CHEPES	3120S	06636W	658	936.5	1009.2	23.5	1.2	17.3	0.4	12		-31	1	
VILLA DOLORES AERO	3157S	06508W	569	949.9	1013.2	22.9	1.4	17.4	0.9	14	78	12	4	240
CORDOBA AERO	3119S	06413W	474	957.5	1011.1	20.5	0.2	18.5	0.3	11	155	43	5	192
PILAR OBSERVATORIO	3140S	06353W	338	973.6	1012.3	20.4	0.3	17.6	-0.1	9	166	73	5	262
PARANA AERO	3147S	06029W	78	1003.2	1012.3	22.4	0.9	23.9	4.4	9	189	35	4	238
CONCORDIA AERO	3118S	05801W	38	1008.0	1012.4	24.1	1.4	19.9	0.0	8	213	71	5	185
MENDOZA AERO	3250S	06847W	704	932.9	1010.8	20.8	0.6	15.8	0.8	4	41	19	4	199
SAN LUIS AERO	3316S	06621W	713	930.6	1009.8	20.1	-0.2	15.2	0.3	4	89	9	4	294
VILLA REYNOLDS AERO	3344S	06523W	486	956.4	1011.8	18.7	-0.7	16.8	1.4	11	105	9	4	196
RIO CUARTO AERO	3307S	06414W	421	963.9	1012.0	19.8	0.2	17.8	1.2	10	132	21	4	182
MARCOS JUAREZ AERO	3242S	06209W	114	996.0	1009.2	20.2	-0.5	19.4	1.3	9	155	29	4	187
ROSARIO AERO	3255S	06047W	25	1009.1	1012.0	21.4	0.6	20.6	1.4	8	247	81	5	203
GUALEGUAYCHU AERO	3300S	05837W	21	1009.2	1012.0	22.6	1.7	20.6	2.4	7	118	-32	3	160
MALARGUE AERO	3530S	06935W	1425	857.4	1497 Y	15.8	0.6	11.2	1.2	5	104	85	5	188
SAN RAFAEL AERO	3435S	06824W	748	927.8	1011.4	18.7	0.1	15.0	2.3	9	64	19	5	172
GENERAL PICO AERO	3542S	06345W	145	995.1	1011.5	18.3	-1.4	17.5	1.1	10	270	170	5	153
LABOULAYE	3408S	06322W	137	996.6	1012.7	19.9	0.1	18.6	1.4	9	172	36	4	200
PEHUAJO AERO	3552S	06154W	86	1002.8	1013.0	19.7	0.5	19.7	2.9	8	373	253	6	166
JUNIN AERO	3433S	06057W	81	1002.8	1012.3	19.8	0.3	18.5	1.3	9	152	-3	3	193
EZEIZA AERO	3449S	05832W	20	1010.3	1012.5	21.1	1.1	19.3	1.8	8	123	24	4	135
AEROPARQUE	3434S	05825W	6	1012.0	1012.7	22.2	0.8	20.6	2.0	11	166	63	5	199
BUENOS AIRES (OBS. CENTRAL)	3435S	05829W	25	1010.0	1013.0	22.0	0.9	20.0	1.6	10	228	110	5	203
PUNTA INDIJO B.A.	3522S	05717W	22	1010.3	1012.8	20.5	0.7	21.2	3.1	9	171	83	5	208
SANTA ROSA AERO	3634S	06416W	191	990.6	1012.8	18.6	-0.9	16.1	0.6	9	139	54	5	189
AZUL AERO	3645S	05950W	132	997.9	1013.4	18.0	0.3	17.7	1.5	11	259	127	5	201
TANDIL AERO	3714S	05915W	175	993.0	1013.5	18.1	-0.8	16.2	0.6	13	224	105	5	168

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE
<b>S AMERICA</b>														
ARGENTINA	0°	0°	3	mb	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr
PIGUE AERO	3736S	06223W	304	977.4	1012.8	17.1	-0.1				9	79	-17	3 178 70
TRES ARROYOS	3820S	06015W	115	1000.6	1014.2	18.8	0.5	15.6	2.1	12	99	1	4 175	70
MAR DEL PLATA AERO	3756S	05735W	21	1010.7	1013.2	18.9	0.9	17.7	0.8	11	131	23	4	
NEUQUEN AERO	3857S	06808W	271	981.5	1011.9	16.2	-1.9	4.5	-6.4	5	76	55	5	223 85
RIO COLORADO	3901S	06405W	79	26	1003.6	1013.0	19.7	0.3	15.7	2.8	3	70	19	4 204 105
BAHIA BLANCA AERO	3844S	06210W	83	1003.6	1013.4	19.3	0.5	15.2	1.0	8	66	-22	3	
CATEDRAL 2000	4115S	07137W	1955		803.3	1490	Y	5.9		7.3		6	35	
BARILOCHE AERO	4109S	07110W	840		918.5	1485	Y	12.8	1.5	9.2	0.4	4	48	21 5 211 84
MAQUINCHAO	4115S	06844W	888		912.5	1481	Y	13.6	0.0	7.5	-0.3	3	8	-8 3
SAN ANTONIO OESTE AERO	4044S	06457W	7	1011.0	1011.8	18.6	-0.5	13.1	1.4	5	73	45	5	184 71
ESQUEL AERO	4258S	07109W	785		921.3	1010.8	13.4	1.5	8.0	0.5	6	16	-5	3 230
PASO DE INDIOS	4349S	06853W	460		955.9	1009.1	15.7	0.4	8.2	-0.5	1	18	9	5
TRELEW AERO	4312S	06516W	43	1007.4	1011.1	17.6	0.1	10.1	0.6	1	39	23	5	218 88
COMODORO RIVADAVIA AERO	4547S	06730W	46	1004.0	1009.5	17.4	1.4	8.1	0.0	2	7	-14	3 204 115	
GOBERNADOR GREGORES AERO	4847S	07010W	356		964.4	1006.5	13.5	1.4	9.0	2.4	2	2	-10	2 119 65
PUERTO DESEADO AERO	4744S	06555W	80		999.5	1008.8	14.9	1.6	10.0	0.6	2	6	-9	2 170 115
LAGO ARGENTINO AERO	5020S	07218W	220		980.6	1006.8	11.4	0.6	6.3	-0.7	1	2	-16	1 90
SAN JULIAN AERO	4919S	06747W	62		999.8	1007.1	14.4	1.4	7.8	-0.1	1	3	-12	2 215
SANTA CRUZ AERO	5001S	06834W	111		982.2	995.1	13.2	1.1	5.4	-1.8	1	4	-8	2 205
RIO GALLEGOS AERO	5137S	06917W	19	1002.5	1004.1	12.5	2.1	7.7	0.1	3	5	-10	1 165 101	
RIO GRANDE B.A.	5348S	06745W	22		998.2	1000.8	8.1		7.8		8	26		166
USHUAIA B.A.	5448S	06819W	14		998.2	999.9	8.8	0.9	9.2	0.3	11	47	-3	3 110
<b>ANTARCTICA</b>														
ARGENTINA (ANTARCTIC)														
ESPERANZA B.E.	6324S	05659W	13		980.2	981.6	-1.8	1.5	4.4	0.2	4	18		111
ISLAS ORCADAS D.N. (OBS.)	6045S	04443W	6		987.0	995.5	0.6	0.7	5.4	-0.7		6	-65	0 31 100
GENERAL BELGRANO II B.E.	7752S	03437W	0		955.9	988.3	-12.0		2.1			3		
TENIENTE JUBANY E.C.	6214S	05838W	4		983.4	984.7	0.7		5.6		22	216		73
CENTRO MET. ANTARTICO"VICEC."	6414S	05643W	198	31	957.5	982.0	-6.1	0.7						
GENERAL SAN MARTIN B.E.	6808S	06708W	4		980.3	980.8	-2.3		4.0			3		
SOUTH AFRICA (ANTARCTIC)														
S.A.N.A.E. STATION	7018S	00221W	62		976.1	983.3	-12.7	1.7	0.8	-2.1				
GERMANY, F.R. (ANTARCTIC)														
GEORG VON NEUMAYER	7037S	00822W	40		977.7	982.0	-10.6		2.3					
CHILE (ANTARCTIC)														
CENTRO MET. ANTARTICO"PDTE.	6215S	05856W	10	31	982.3	983.4	0.3		5.1		18	71		
BASE ARTURO PRAT	6230S	05941W	5	31	983.0	983.6	0.1		5.1		17	96		
BASE BERNARDO O'HIGGINS	6319S	05754W	10	31	981.4	982.8	-1.6		4.9		17	52		
JAPAN (ANTARCTIC)														
SYOWA	6900S	03935E	21		982.7	985.3	-5.0	1.5	3.0					
<b>SW PACIFIC</b>														
MALAYSIA (PENIN. MALAYSIA)														
PENANG/BAYAN LEPAS	0518N	10016E	4		1009.8	1010.2	27.9	0.5	30.4	3.3	9	128	-10	3 243 100
KOTA BHARU	0610N	10217E	5		1010.1	1010.7	27.7	0.9	29.2	2.3	6	43	-47	2 248 95
KUALA LUMPUR/SUBANG	0307N	10133E	22		1008.1	1010.6	27.7	1.0	29.6	0.8	12	351	122	5 229 113
KUANTAN	0337N	10313E	16		1009.3	1011.1	26.3	0.5	29.4	12	229	68	4	210 100
MALACCA	0216N	10215E	9		1009.3	1010.3	27.7	0.9	30.5	11	102	-37	2	235 105
SINGAPORE														
SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1008.6	1010.4	27.5		30.3	11	133		2	215 110
USA (PACIFIC OCEAN NORTH)														
LIHUE, KAUAI, HAWAII	2159N	15921W	45		1013.0	1018.2	21.8	-0.5	18.2	-2.3	7	54	-61	2 212 116
HONOLULU, OAHU, HAWAII	2121N	15756W	5		1017.1	1017.6	23.3	0.2	17.5	-1.7	2	4	-86	1 303 119
GUAM, MARIANA IS.	1333N	14450E	111		1001.4	1014.0	24.0	-1.4	25.5	-0.8	15	589	473	6 218 95
HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11		1016.2	1017.5	22.0	0.1	18.8	-1.8	15	122	-222	1 197 143
TRUK, CAROLINE IS.	0728N	15151E	2		1010.1	1010.4	27.7	0.2	28.6	0.1	17	195	-36	3 223 90

SW PAC-USA

## SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE
SW PACIFIC	0°	0°	a		mb	mb	°C	°C	mb	mb	mm	mm	mm	hr
USA (PACIFIC OCEAN NORTH)														%
PONAPE, CAROLINE ISLANDS.	0658N	15813E	46	1005.1	1010.3	27.3	0.1	28.5	-0.4	21	658	282	6	140
KWAJALEIN/BUCH. MARSHALL IS.	0844N	16744E	8	1010.9	1011.8	27.8	0.0	26.8	-1.7	13	38	-93	2	120
MAJURO/MARSHALL IS. INT.	0705N	17123E	3	1010.8	1011.1	27.2	-0.1	28.2	0.9	11	125	-103	2	271
KOROR, PALAU IS.	0720N	13429E	33	1008.5	1012.3	27.6	0.2	29.2	-0.7	16	155	-51	2	243
YAP, CAROLINE IS.	0929N	13805E	17	1010.5	1012.4	27.2	0.0	27.7	-1.2	9	498	347	6	289
SOLOMON ISLANDS														
HONIARA/HENDERSON	0925S	16003E	9	1007.6	1008.6	27.0		28.4		16	139	0	174	120
VANUATU														
PEKO AIRPORT (ESPIRITU-SANTO)	1531S	16713E	56		1008.7	25.9	0.1	28.5		16	164	-200	1	
BAUERFIELD (EFATE)	1742S	16818E	21	1007.4	1009.9	25.5		26.6		16	177			210
ANEITYUM	2014S	16946E	6		1012.2	25.0	-0.5	25.6		12	117	-215	1	
NEW CALEDONIA														
KOUMAC (INLE-CALEDONIE)	2034S	16417E	18	1009.0	1011.1	25.0	-0.6	24.4	-2.4	8	53	-83	1	251
NOUMEA (INLE-CALEDONIE)	2216S	16627E	72	1004.3	1012.7	24.5	-0.8	23.1	-2.5	10	69	-50	2	246
NEW ZEALAND (KIRIBATI)														
TARAWA	0121N	17255E	4	1009.3	1009.7	27.7	-0.1	30.2	1.2	16	241	7	3	126
NEW ZEALAND (TUVALU)														
FUNAFUTI	0831S	17913E	2	1008.4	1008.6	27.9	-0.1	31.8	0.8	16	360	46	4	188
Fiji														
NANDI	1745S	17727E	18	1007.3	1009.4	26.5	0.0	27.3	0.4	13	167	-184	1	215
NAUSORI	1803S	17834E	7	1008.8	1009.9	25.8	0.0	28.1	-0.8	18	461	4	4	126
NEW CALEDONIA (DETACHED IS.)														
HIHIFO (ILE WALLIS)	1314S	17610W	27	1005.9	1009.0	27.5	0.1	30.8	0.3	12	194	-127	2	212
SAMOA														
APIA	1348S	17147W	2	1009.3	1009.6	27.1	0.3	30.8	0.9	21	192	-190	1	197
USA (SAMOA)														
PAGO PAGO/INT. AIRP.	1420S	17043W	3	1010.3	1010.6	27.9	0.7	31.8	1.9		256	-6	4	191
NEW ZEALAND (COOK ISLANDS)														
RAROTONGA	2112S	15949W	7	1011.7	1012.5	25.7	-0.1	27.2	1.5	9	92	-162	1	166
FRENCH POLY. (MARQUESAS)														
ATUONA	0948S	13902W	52	1004.7	1010.6	27.4	0.7	28.2	1.5	15	82	-19	3	110
FRENCH POLY. (SOCIETY IS)														
BORA-BORA	1627S	15145W	3	1011.0	1011.3	28.9	1.6	30.7	2.7	10	98	-98	1	110
TAHITI-FAAA	1733S	14937W	2	1011.3	1011.6	28.3	1.5	29.3	2.7	8	69	-86	2	120
FRENCH POLY. (TUAMOTU IS)														
TAKAROA	1429S	14502W	3	1010.9	1011.2	28.9	0.9	30.6	3.1	13	105	-22	3	105
HAO	1804S	14057W	3	1012.1	1012.5	28.5	0.9	29.7	-0.2	8	120	36	4	105
HEREHERETUE	1952S	14500W	3	1012.2	1022.6	28.0	0.8	28.6	-0.2	13	283	135	5	100
RIKITEA	2308S	13458W	89	1003.5	1013.6	25.4	-0.5	26.7	-0.7	13	68	-71	2	95
FRENCH POLY. (AUSTRAL IS)														
TUBUAI	2321S	14929W	3	1012.4	1012.6	25.7	0.1	27.5	1.1	15	150	-59	2	100
RAPA	2737S	14420W	2	1012.6	1012.9	23.0	-0.4	22.0	-2.4	13	142	-112	1	90
NEW ZEALAND														
KAITAIA	3508S	17316E	87	1003.0	1013.4	17.0		15.2		13	100	4	198	110
AUCKLAND AIRPORT	3701S	17448E	6	1012.0	1012.8	17.1	-1.7	13.7	-3.5	11	85	3	4	205
GISBORNE AERODROME	3840S	17759E	8	1010.8	1011.8	15.9	-1.3	13.9	-1.5	17	161	73	5	169
NEW PLYMOUTH AERODROME	3901S	17411E	36	1008.9	1012.6	15.1	-1.9	13.8	-1.9	10	129	34	4	209
WELLINGTON	4117S	17446E	128	997.2	1012.7	14.3	-1.4	13.2	-1.0	16	135	40	5	156
HOKITIKA AERODROME	4243S	17059E	40	1007.3	1012.6	14.4	-0.3	13.5	-0.8	10	191	-38	3	178
CHRISTCHURCH AIRPORT	4329S	17233E	34	1008.6	1012.9	13.8	-1.2	12.9	-0.1	7	70	12	4	160

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE
SW PACIFIC	0°	0°	m										
NEW ZEALAND													
INVERCARGILL AERODROME	4625S	16820E	1	1012.4	1012.6	12.6	-0.1	11.7	-0.2	12	131	42	5 118 81
CAMPBELL ISLAND	5233S	16909E	19	1006.3	1008.6	9.4	0.8	9.8	0.3	15	118	-10	3 64 103
CHATHAM ISLAND	4357S	17634W	48	1005.8	1011.6	14.2	0.1	14.8	1.6	13	103	13	4 144 113
RAOUL ISLAND, KERMADEC IS.	2915S	17755W	49	1008.1	1013.9	20.8	-1.1	19.2	-2.7	9	39	-105	1 207 123
AUSTRALIA													
DARWIN AIRPORT	1224S	13052E	30	1007.3	1010.7	29.1	1.0	28.9	0.5	9	93	-215	1 307 143
GOVE AIRPORT	1216S	13649E	54	1004.7	1010.8	27.8		28.9		11	166		241
THURSDAY ISLAND	1035S	14213E	61	1003.9	1010.8	27.3	0.2	30.0	1.0	13	270	-104	2
BROOME AIRPORT	1757S	12213E	9	1010.0	1011.0	29.9	0.2	27.2	-0.2	0	0	-89	0
HALLS CREEK AIRPORT	1813S	12739E	424	964.1	1011.0	28.3	-0.9	15.9	-3.1	1	4	-55	1
TENNANT CREEK AIRPORT	1938S	13410E	376	970.3	1012.1	28.7	0.5	11.5	-5.2	0	0	-52	0 331 125
CAIRNS AIRPORT	1653S	14545E	7	1010.8	1011.6	26.9	0.3	27.7	1.7	18	227	-229	2 234
TOWNSVILLE AIRPORT	1915S	14645E	6	1011.7	1012.4	27.6	1.3	25.5	1.1	5	47	-152	1 283 130
WILLIS ISLAND	1618S	14959E	9	1009.8	1010.8	27.9	0.3	28.8	-1.4	11	118	-113	2
CARNARVON AIRPORT	2452S	11340E	7	1013.0	1013.8	27.1	0.6	17.7	-1.5	1	2	-16	2
LEARMOUTH AIRPORT	2214S	11405E	6	1012.2	1012.8	29.6		19.7		0	1		
PORT HEDLAND AIRPORT	2022S	11837E	11	1010.6	1011.3	31.2	0.7	18.1	-4.4	1	1	-44	1
ALICE SPRINGS AIRPORT	2348S	13354E	544	954.1	1015.3	22.9	-2.2	7.9	-5.0	1	5	-25	2 331 110
MT ISA AIRPORT	2039S	13929E	342	973.5	1011.6	27.4		12.5		2	41	-37	3 319 125
LONGREACH AIRPORT	2326S	14416E	193	990.1	1011.8	27.9	1.0	15.3	-3.5	3	19	-38	2
MACKAY	2107S	14913E	31	1009.5	1013.1	26.5	1.3	25.8	0.6	8	83	-236	1
GLADSTONE	2351S	15116E	76	1005.6	1014.3	26.1	0.5	22.5	-0.1	6	68	-46	3
GERALDTON AIRPORT	2847S	11442E	34	1011.7	1015.6	24.7	0.3	13.6	-2.6	5	34	19	5
MEEKATHARRA AIRPORT	2636S	11831E	518	957.1	1014.2	26.6	-1.5	9.3	-2.4	2	7	-17	2
GILES	2502S	12818E	599	948.3	1014.3	25.7	-1.7	7.3	-4.5	1	2	-17	2 322 108
CHARLEVILLE AIRPORT	2625S	14616E	304	979.5	1013.8	24.5	-0.5	13.5	-2.3	3	80	11	4
MOREE	2928S	14951E	212	990.3	1014.5	23.5	-0.1	15.4	-0.9	7	54	7	4 299
BRISBANE AIRPORT	2726S	15305E	6	1014.5	1015.2	24.1	0.1	20.0	-0.8	9	256	108	5 270 125
PERTH AIRPORT	3156S	11557E	12	1016.1	1017.5	23.1	0.4	12.9	-1.4	2	15	0	4 238 85
KALGOORLIE AIRPORT	3046S	12127E	360	977.1	1018.1	22.3	-0.3	10.5	-2.1	0	2	-19	1
ESPERANCE	3349S	12153E	26	1016.9	1020.0	20.5	0.4	13.7	-1.8	4	24	0	4
FORREST AIRPORT	3050S	12806E	160	1000.9	1019.5	20.7	-0.9	11.3	-1.8	1	8	-7	4
CEDUNA AIRPORT	3207S	13342E	17	1018.4	1020.4	19.6	-0.3	11.2	-2.8	1	2	-17	2 275 100
WOOMERA AERODROME	3109S	13648E	167	999.5	1018.8	21.3	-2.3	11.0	-2.0	1	10	-21	4 329 111
ADELAIDE AIRPORT	3456S	13831E	4	1019.5	1020.0	18.1	-2.1	11.1	-2.0	3	25	9	4 263 105
MILDURA AIRPORT	3414S	14205E	53	1012.5	1018.7	18.9	-2.1	11.0	-2.3	1	21	1	4
COBAR	3129S	14549E	265	985.7	1016.0	20.6	-3.0	12.3	-1.4	6	139	101	5 297
SYDNEY AIRPORT	3357S	15111E	3	1016.9	1017.4	20.0	-1.5	16.4	-1.2	9	133	-22	3 223 115
WILLIAMTOWN AERODROME	3247S	15149E	11	1015.9	1017.2	20.0	-1.2	17.7	-1.7	13	115	-18	3 212 100
COFFS HARBOUR AIRPORT	3019S	15307E	5	1015.7	1016.4	21.7	-0.2	17.8	-2.2	14	263	0	3 221 100
ALBANY AIRPORT	3457S	11748E	69	1010.9	1019.0	19.6	0.7	13.9	-0.5	8	34	7	4
MT GAMBIER AIRPORT	3744S	14047E	69	1010.5	1018.7	16.1	-0.5	11.2	-1.8	9	26	-2	3 207 90
LAVERTON AERODROME	3751S	14444E	14	1016.7	1018.4	15.9	-2.3	12.1	-1.8	5	29	-5	3 182 90
EAST SALE AERODROME	3806S	14708E	8	1016.6	1017.5	15.7	-1.9	12.6	-2.1	9	41	-7	3 197 95
WAGGA AIRPORT	3509S	14727E	213	992.1	1016.6	18.3	-2.3	11.5	-2.5	2	12	-33	2 287
CANBERRA AIRPORT	3518S	14911E	577	950.3	1016.0	15.9	-1.6	11.6	-1.9	4	30	-24	2 249 106
HOBART AIRPORT	4250S	14730E	3	1014.5	1014.9	13.8	-1.8	10.1	-2.1	9	32	-4	3 204 105
AUSTRALIA (ADDITIONAL IS.)													
LORD HOWE ISLAND	3131S	15905E	46	1010.5	1015.8	21.2	-1.1	17.4	-3.4	10	44	-75	1
NORFOLK ISLAND AIRPORT	2902S	16756E	109	1002.7	1015.3	21.0	-0.7	17.5	-3.6	7	32	-80	1 259 125
MACQUARIE ISLAND	5429S	15856E	6	1000.8	1001.5	7.1	0.8	8.1	-1.1	15	73	-21	2 97 120
MALAYSIA (SABAH & SARAWAK)													
KUCHING	0129N	11020E	27	1008.8	1011.4	26.1	0.1	29.3		17	359	28	4 143 110
KOTA KINABALU	0556N	11603E	3	1009.7	1010.0	27.9	1.4	29.0		2	7	-68	0 278 120
ISLANDS													
COCOS ISLAND AIRPORT	1211S	09649E	3	1011.0	1011.3	28.0	0.6	30.4	3.1	15	159	-57	2
PHILIPPINES													
BASCO	2027N	12158E	11	1013.5	1014.7	25.7	1.5	28.1	3.5	6	15	-89	1
LAOAG	1811N	12032E	5	1012.1	1012.7	26.6	0.2	28.1	7.3	0	0	-2	4 291 90
APARRI	1822N	12138E	4	1002.5	1002.8	25.0	-0.7	28.1	2.1	2	4	-35	1

SW PAC-PHILIPPINES

## SURFACE

MARCH 1987

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAY 1 MM	TOTAL MM	DEPARTURE h	% OF AV.
SW PACIFIC	0°	0°	0		mb	mb	0°C	0°C	mb	mb	2	6	-58	1
PHILIPPINES											1	11	-9	4
TUGUEGARAO	1737N	12144E	24	1006.7	1013.7	28.4	1.1				0	0	0	0
DAGUPAN	1603N	12020E	2	1012.8	1013.0	28.5	0.3	26.4	0.7	1	11	-32	2	
BAGUIO	1625N	12036E	1501	853.6	1011.2	19.4	0.0	17.0	2.6	1	8	303		
MANILA INT. AIRPORT	1431N	12100E	15	1013.8	1015.0	27.3	-0.1	26.4	0.9	0	0	-6	0	
LEGASPI	1308N	12344E	17	1011.6	1013.5	26.8	0.6	28.1	0.4	12	43	-158	0	
TACLOBAN	1115N	12500E	21	1012.7	1013.0	26.2	-0.5	28.1	0.8	11	70	-66	1	
ILOILO	1042N	12234E	8	1011.5	1012.4	28.6	1.8	28.1	0.9	1	1	-34	1	
TAGBILARAN	0936N	12351E	6			27.0	-0.4			3	17	-59	1	
MACTAN	1018N	12358E	9	1011.9	1013.3	28.3	0.7	28.1	0.0	1	3	-46		
SURIGAO	0948N	12530E		1006.4	1012.7	26.6	0.4	29.8	1.1	21	252	-120	2	
ZAMBOANGA	0654N	12204E	6	1010.3	1011.0	28.8	1.6	29.8	1.8	5	39	-5	3	
SHIP SITE														
OCEAN WEATHER STATIONS														
CHARLIE	5245N	03530W	0	1004.4	1011.9	5.9		6.9		14	43			

S AMER-VENEZUELA

## SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
				MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	MEAN mm	DEPARTURE mm	QUINTILE	TOTAL mm	% OF AV.
SEP 1986	0°	0°	3	1015.3	1015.5	27.6	-0.7	32.4		2	7	-32	2	36
S AMERICA														
VENEZUELA														
LA ORCHILA	1148N	06611W	3	30	1015.3	1015.5	27.6	-0.7	32.4		2	7	-32	2
MARACAIBO-LA CHINITA	1034N	07144W	65	30	1002.6	1010.1	28.1	-0.3	29.1	0.2	6	75	8	4
MARACAY-B.A. SUCRE	1015N	06739W	437	30	962.6	1011.3	24.1	-0.4	24.1	1.2	13	137	10	4
CARACAS/LA CARLOTA	1030N	06653W	835	30	920.0	1519	Y	21.8	-1.1	22.5	1.3	12	123	26
BARCELONA	1007N	06441W	7	30	1010.5	1011.3	26.2	-0.2	26.3	-1.0	10	102	27	5
MERIDA	0836N	07111W	1498	30	852.6	1523	Y	19.6	0.2	16.9	-0.6	23	353	162
CIUDAD BOLIVAR	0809N	06333W	48	30	1005.7	1010.8	27.3	-0.9	25.7	-1.9	10	43	-57	2
SAN ANTONIO DEL TACHIRA	0751N	07227W	378	30	969.0	1011.0	26.5	-0.8	24.8	2.5	11	69	25	5
OCT 1986														
S AMERICA														
BRAZIL														
PORTO VELHO	0846S	06305W	95		1001.5	1008.6	25.7	-0.8	28.8	-1.1	9	100	-98	0
NOV 1986														
EUROPE														
CZECHOSLOVAKIA														
CHEB	5005N	01224E	471	30	966.2	1023.9	3.5	1.0	6.9	0.5	7	27	-8	3
PRAHA/RUZYNE	5006N	01417E	369	30	978.6	1024.0	4.0	0.9	6.1	-0.5	6	12	-16	1
PRAHA-LIBUS	5000N	01427E	304	30	986.4	1023.9	5.0	1.4	7.1	0.5	5	16	-14	2
BRNO/TURANY	4909N	01642E	246	30	994.5	1025.1	4.4	0.6	7.2	0.3	5	27	-8	3
OSTRAVA/MOSNOV	4941N	01807E	256	30	992.3	1024.2	4.8	0.9	7.2	0.3	5	17	-29	1
SLIAC	4838N	01909E	318	30	986.7	1026.3	3.1	-0.4	6.3	-0.5	4	16	-50	1
POPRAD/TATRY	4904N	02015E	707	30	939.8		1.9	0.4	5.7	-0.1	2	6	-35	1
S AMERICA														
VENEZUELA														
CARACAS/LA CARLOTA	1030N	06653W	835	30	849.3	917.7	20.2	-1.7	21.1	0.6	11	81	9	3
URUGUAY														
SALTO	3123S	05757W	34	30	1007.2	1010.3	21.6	1.3	18.1	6.7	12	381	267	6
MELO	3222S	05411W	100	30	1000.3	1012.3	19.4	0.4	17.4	1.7	12	329	247	6
PASO DE LOS TOROS	3249S	05631W	75	30	1002.7	1011.7	20.0	0.0	16.5	0.1	10	286	181	6
MERCEDES	3315S	05804W	22	30	1009.8	1011.8	20.6	0.8	16.8	0.5	10	267	181	6
TREINTA Y TRES	3313S	05423W	46	30	1007.2	1012.8	19.1	0.6	16.6	1.8	11	351	263	6
COLONIA	3427S	05750W	23	30	1009.4	1012.2	19.4	-0.3	15.5	-0.9	7	235	120	5
ROCHA	3429S	05418W	18	30	1011.1	1013.4	17.8	0.3	16.0	-0.4	12	209	139	5
EL PRADO	3451S	05612W	16	30	1010.9	1013.0	18.6	-0.6	15.2	3.8	7	190	110	5
PUNTA DEL ESTE	3458S	05457W	16	30	1013.3	1015.3	17.2	0.0	14.9	3.7	8	196	127	5
DEC 1986														
EUROPE														
SYRIAN ARAB REPUBLIC														
LATTAKIA	3532N	03546E	7	31	1018.1	1019.0	13.0	-0.4	8.3	-1.7	11	105	-57	3
PALMYRA	3433N	03818E	404	31	972.2	1020.9	6.8	-1.5	6.1	-1.7	5	9	-12	2
AFRICA														
COTE D'IVOIRE														
YAMOUSSOUKRO	0654N	00521W	213		987.9	1011.2	23.9		19.6		0	0		91
MADAGASCAR														
TULEAR	2323S	04344E	8	31	1010.5	1011.4	26.7	0.0	28.0	1.6	4	43	-57	2

AFRICA-VENEZUELA

## SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTMENT	
DEC 1986	0°	0°	a	mb	°C	°C	mb		mm		mm	mm	hr	%
S AMERICA														
VENEZUELA														
CARACAS/LA CARLOTA	1030N	06653W	835	31	850.7	919.3	19.5	-1.3	19.4	0.2	6	30	-15	3 271 125
URUGUAY														
SALTO	3123S	05757W	34	31	1007.1	1010.7	24.4	1.5	18.4	4.7	4	25	-86	1
MELO	3222S	05411W	100	31	999.6	1011.3	21.7	-0.1	18.2	1.1	3	16	-69	1
PASO DE LOS TOROS	3248S	05631W	75	31	1002.4	1011.3	23.0	-0.1	17.1	-0.6	3	20	-84	1
MERCEDES	3315S	05804W	22	31	1009.6	1011.6	23.9	0.9	17.4	-0.7	4	40	-69	2
TREINTA Y TRES	3313S	05423W	46	31	1006.7	1012.2	20.8	-0.7	17.1	1.0	5	39	-64	0
COLONIA	3427S	05750W	23	31	1009.1	1011.9	22.0	-0.3	15.7	-2.6	5	40	-38	2
ROCHA	3429S	05418W	18	31	1010.6	1012.9	20.0	-0.2	16.9	-0.6	8	79	-23	4
EL PRADO	3451S	05612W	16	31	1010.2	1012.1	21.3	-0.5	16.4	3.2	4	40	-40	2
PUNTA DEL ESTE	3458S	05457W	16	31	1006.7	1008.8	20.7	0.7	16.2	2.8	5	91	32	5
JAN 1987														
EUROPE														
ITALY														
UDINE/RIVOLTO	4559N	01302E	53	31	1009.0	1015.0	0.4	-3.2	4.8	-1.1	6	70	-40	3
ASIA														
INDIA														
KOZHIKODE	1115N	07547E	5	31	1012.1	1012.7	27.2	0.3	24.0	-0.7	0	0	-6	4
MINICOY	0818N	07309E	2	31	1011.9	1012.2	27.9	1.5	27.3	0.9	1	3	-27	2
TRIVANDRUM	0829N	07657E	64	31	1004.9	1012.1	27.7	0.9	23.8	-0.1	0	2	-23	2 269 102
AFRICA														
COTE D'IVOIRE														
ODIENNE	0930N	00734W	421		963.9	1010.7	25.0	0.3	14.9	1.1	2	13	6	5 207
KORHOGO	0925N	00537W	381		968.2	1010.4	27.7	0.9	13.8	1.7	1	31	21	5 272
BONDOUKOU	0803N	00247W	370		969.2	1010.6	27.0	0.9	18.6	0.8	0	0	-12	0 179
MAN	0723N	00731W	340				24.3	0.2	22.1	1.5	2	18	4	4 254
BOUAKE	0744N	00504W	376				27.7	1.0	19.9	0.7	0	0	-9	0 236
GAGNOA	0608N	00557W	210		986.4	1010.3	27.1	1.2	28.0	2.0	4	14	-19	2 178
DALOA	0652N	00628W	277		980.6	1011.4	26.5		25.3		4	47	30	5 212
DIMBOKRO	0639N	00442W	92		1000.7	1011.0	28.1	0.9	25.9	1.0	1	2	-11	3 176
ADIAKE	0518N	00318W	39		1008.4	1012.9	27.0	0.6	30.9	1.9	0	0	-28	1 182
TABOU	0425N	00722W	21		1007.4	1009.7	26.3	0.2	30.8	1.0	5	52	-15	3 212
SAN PEDRO	0445N	00639W	30		1007.7	1011.1	26.6		30.7		1	4		116
SASSANDRA	0457N	00605W	66				26.5	0.4	30.4	0.9	1	13	-11	3 224
MADAGASCAR														
DIEGO-SUAREZ	1221S	04918E	105	31	999.7	1011.7	25.9	-0.7	28.2	1.0	20	392	100	4 164 89
S AMERICA														
URUGUAY														
SALTO	3123S	05757W	34	31	1005.8	1009.6	26.6	2.0	20.4	5.6	8	104	-18	3
MELO	3222S	05411W	100	31	998.9	1010.6	23.3	-0.6	19.7	0.2	8	76	-9	3
PASO DE LOS TOROS	3248S	05631W	75	31	1001.8	1010.4	25.0	0.5	18.9	-0.4	5	68	-41	3
MERCEDES	3315S	05804W	22	31	1008.4	1010.4	26.0	1.5	19.4	0.7	6	96	21	4
TREINTA Y TRES	3313S	05423W	46	31	1006.1	1011.4	23.6	1.3	19.7	1.6	7	57	-24	3
COLONIA	3427S	05750W	23	31	1008.1	1010.9	24.1	0.3	17.9	-2.4	6	35	-68	1
ROCHA	3429S	05418W	18	31	1009.7	1012.2	22.3	0.4	19.7	-0.4	4	69	-29	3
EL PRADO	3451S	05612W	16	31	1009.3	1011.3	23.5	0.1	19.1	5.1	5	38	-63	3

S AMER-URUGUAY

## SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE			
FEB 1987	0°	0°	3		mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%		
<b>ASIA</b>																	
NEPAL																	
KATHMANDU AIRPORT	2742N	08522E	1337		868.9	1524	Y	13.0	0.4	11.5	5	43	34	6	188		
<b>JAPAN</b>																	
CHICHIJIMA	2705N	14211E	8		1017.2	1018.1	18.5	0.5	14.8	5	33	-59	2				
MINAMITORISHIMA	2418N	15358E	9		1016.9	1017.9	21.6		19.1	6	29						
<b>AFRICA</b>																	
ZAMBIA																	
KASAMA	1013S	03108E	1384		863.1	1513	Y	20.3	0.1	20.0	1.2	18	349	117	5	118	108
MONGU	1515S	02309E	1053		895.7	1505	Y	23.1	0.4	22.5	1.1	14	166	-49	2	195	134
KABWE	1427S	02828E	1207		880.2	1507	Y	22.5	1.7	20.4	0.5						
LIVINGSTONE	1749S	02549E	986		902.3	1507	Y	25.5	2.5	20.8	0.2	6	37	-124	1	251	144
<b>N AMERICA</b>																	
EL SALVADOR																	
LOS ANDES	1353N	08939W	1770					17.0	1.9	12.3	-0.6	0	0	-2	3		
<b>S AMERICA</b>																	
PARAGUAY																	
PUERTO CASADO	2217S	05752W	87		1001.4	1011.5	25.9	-2.4	24.8	-0.6	3	216	97	5			
PEDRO JUAN CABALLERO	2235S	05539W	662		939.5		22.4	-1.5	21.0	9	126	-27	3				
CONCEPCION	2325S	05718W	74		1003.1	1012.9	25.7	-2.3	23.6	7	346	207	6				
PASO BARRETO	2303S	05659W	95		1002.7	1013.8	25.2		24.9	13	273						
ASUNCION/AEROPUERTO	2516S	05738W	101		1005.3	1013.2	24.9	-3.1	31.3	6.9	9	219	63	5			
VILLARRICA	2545S	05626W	161		995.6	1014.1	23.1	-3.4	23.5	-1.2	9	196	62	5			
PUERTO PRESIDENTE STROESSNER	2532S	05436W	196		991.4	1012.6	24.0	-2.2	23.8	-1.4	13	302	134	5			
PILAR	2651S	05819W	56		1007.4	1013.9	25.6	-1.7	24.5	-0.7	9	212	87	5			
SAN JUAN BAUTISTA MISIONES	2640S	05709W	126		1000.3	1014.9	24.4		24.3	10	500		6				
ENCARNACION	2719S	05550W	91		1005.0	1014.2	24.0	-2.2	24.1	-1.3	11	319	153	5			
<b>URUGUAY</b>																	
SALTO	3123S	05757W	34	28	1008.2	1012.4	26.2	2.5	20.3	5.7	2	38	-65	1			
MELO	3222S	05411W	100	28	1001.7	1013.4	23.9	0.8	21.1	1.2	8	69	-12	3			
PASO DE LOS TOROS	3248S	05631W	75	28	1004.2	1013.1	24.3	0.5	20.5	0.8	7	109	-5	4			
MERCEDES	3315S	05804W	22	28	1010.9	1013.0	25.3	1.3	20.6	1.5	7	138	44	4			
TREINTA Y TRES	3313S	05423W	46	28	1008.6	1014.1	23.5	1.1	21.3	3.2	12	153	63	5			
COLONIA	3427S	05750W	23	28	1010.2	1012.9	24.0	0.9	19.6	-0.8	7	213	123	5			
ROCHA	3429S	05418W	18	28	1008.0	1010.0	21.6	0.2	20.5	-0.3	11	113	22	4			
EL PRADO	3451S	05612W	16	28	1011.6	1013.5	23.7	1.0	21.0	6.4	7	132	31	4			

EUROPE-POLAND

## SURFACE CORRECTIONS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE	VAPOR PRESSURE	PRECIPITATION	SUN-SHINE					
					MEAN	STATION	MEAN	SEA LEVEL			DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL
OCT 1986 EUROPE POLAND WROCŁAW II	5106N	01653E	121												140

## EUROPE—NORWAY

## UPPER AIR

MARCH 1987

EUROPE-IRELAND

## UPPER AIR

MARCH 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	
EUROPE - IRELAND VALENTIA OBSERVATORY 5156N 01015W 0B 3																											
030	23562	17	-58.4		9	76	263	8	030	23388	4	-59.5		5	87	235	8	030	23236	0	-58.7		0	64	220	8	
050	20346	9	-59.0		9	71	281	8	050	20175	1	-57.5		1	89	233	9	050	20011	0	-56.2		0	65	229	9	
100	15978	1	-57.7		4	88	286	13	100	15765	0	-54.3		0	84	240	11	100	15583	0	-53.4		0	70	234	10	
150	13416	0	-56.5		2	81	288	18	150	13155	0	-52.3		0	77	245	11	150	12963	0	-51.8		0	68	230	10	
200	11603	0	-59.5		2	78	291	22	200	11296	0	-52.3		0	72	246	13	200	11099	0	-51.5		0	66	231	9	
300	9024	0	-49.4	11.4	0	75	290	23	300	8688	0	-52.8		0	64	243	15	300	8482	0	-54.5		0	54	221	11	
500	5495	0	-24.3	12.3	0	70	287	14	500	5256	0	-32.5	7.6	0	51	231	10	500	5126	0	-39.5		0	51	203	9	
700	2963	0	-8.1	12.1	0	61	276	10	700	2806	0	-16.7	8.4	0	31	213	5	700	2751	0	-24.8	8.9	0	50	195	6	
850	1433	0	-0.8	6.1	0	81	270	18	850	1322	0	-7.9	3.8	0	26	184	4	850	1319	0	-19.0	7.5	0	48	190	4	
1013	* 14		7.6	2.7				1000	*	54								1009	*	40							
EUROPE - DENMARK NARSSARSSUAQ 6111N 04526W 0B 3																											
030	23394	0	-59.9		0	85	240	12	030	23348	0	-58.1		0	61	193	9	030	23373	2	-58.6		2	79	214	9	
050	20174	0	-56.8		0	84	243	12	050	20106	0	-55.8		0	69	199	10	050	20150	0	-56.5		0	86	214	9	
100	15758	0	-53.4		0	67	246	13	100	15665	0	-53.0		0	79	209	11	100	15725	0	-53.6		0	87	218	10	
150	13141	0	-52.4		0	80	252	15	150	13044	0	-51.7		0	85	211	11	150	13104	0	-51.5		0	81	220	11	
200	11279	0	-52.0		0	79	256	15	200	11180	0	-52.4		0	85	208	11	200	11237	0	-51.8		0	79	216	11	
300	8664	0	-52.0		0	68	256	18	300	8582	0	-54.9		0	76	204	13	300	8624	0	-53.9		0	58	211	10	
500	5239	0	-33.5	9.8	0	49	263	10	500	5205	0	-37.2	10.7	0	64	203	8	500	5237	0	-35.7	8.7	0	45	185	6	
700	2804	0	-18.7	11.7	0	23	285	3	700	2804	0	-22.1	11.6	0	48	204	5	700	2821	0	-20.5	7.3	0	23	158	3	
850	1335	0	-11.0	10.4	0	25	52	2	850	1363	0	-19.1	8.9	0	19	253	2	850	1365	0	-15.2	5.8	1	21	13	2	
1008	* 4		-7.1	5.0				1020	*	14								1008	*	66							
EUROPE - DENMARK ANGMAGSSALIK 6536N 03738W 0B 3																											
030	23348	4	-58.7		4	84	227	10	030	23495	10	-58.8		4	69	252	6	030	23495	0	-57.8		0	46	248	4	
050	20134	3	-57.0		3	84	226	11	050	20268	2	-57.3		4	75	263	7	050	20270	0	-56.8		0	32	268	3	
100	15704	1	-53.3		1	78	229	11	100	15864	1	-54.3		1	77	267	9	100	15854	0	-54.2		0	42	310	4	
150	13083	1	-51.5		1	70	234	11	150	13246	0	-52.4		1	77	267	9	150	13247	0	-53.1		0	49	323	6	
200	11215	1	-51.0		1	68	239	11	200	11383	0	-53.7		0	70	265	11	200	11396	0	-54.2		0	55	320	8	
300	8593	1	-52.6		1	54	242	11	300	8787	0	-52.3		0	60	266	13	300	8808	0	-53.2		0	49	320	9	
500	5141	1	-36.4	8.1	1	11	249	2	500	5332	0	-30.1	10.6	0	51	268	9	500	5366	0	-30.8	10.7	0	37	314	5	
700	2784	1	-20.3	8.9	1	42	83	5	700	2854	0	-13.5	11.1	0	27	250	4	700	2898	0	-15.2	10.9	0	19	247	2	
850	1321	1	-11.6	8.4	1	66	63	7	850	1355	0	-6.2	2.4	0	17	217	3	850	1408	0	-7.6	9.1	0	26	196	2	
1001	* 52		-6.7	3.3				1001	*	55								1012	*	40							
EUROPE - BELGIUM UCCLE 5048N 00421E 0B 1																											
030	23434	6	-59.6		7	62	280	6	030	23519	0	-58.2		2	76	265	7	030	23495	0	-57.8		0	46	248	4	
050	20243	3	-59.3		5	68	307	7	050	20309	0	-59.1		1	63	288	6	050									
100	15881	1	-57.1		3	78	308	12	100	15946	0	-57.4		0	77	305	11	100	15970	18	-57.7						
150	13308	1	-56.1		3	78	310	17	150	13375	0	-55.9		0	82	306	17	150	13440	11	-58.3						
200	11487	1	-58.0		3	78	314	22	200	11550	0	-57.0	7.6	0	81	316	21	200	11646	9	-61.1		9	86	312	23	
300	8919	1	-52.4		3	69	314	20	300	8969	0	-51.0	6.4	0	78	320	13	300	9056	5	-48.9		7	83	306	25	
500	5438	0	-27.8	3.8	2	63	310	12	500	5474	0	-27.1	9.2	0	69	318	13	500	5530	3	-24.1	11.1	6	77	304	14	
700	2937	0	-11.5	4.5	2	56	296	7	700	2970	0	-11.4	7.7	0	56	290	6	700	2994	2	-7.5	10.7	6	68	302	8	
850	1427	0	-4.0	3.2	2	50	272	5	850	1458	0	-3.2	5.1	0	59	240	5	850	1460	2	-0.3	7.1	6	53	289	6	
1004	* 104		2.4	3.2					960	*	491								1006	*	103						
EUROPE - FRANCE TRAPPES 4846N 00201E 0B 1																											
030									030									030									
050									050									050									
100	15925	12	-58.0		8	86	307	13	100	15932	9	-56.2		4	78	311	15	100	15978	6	-57.5		4	86	305	13	
150	13366	8	-57.1		7	86	305	19	150	13351	5	-55.4		4	79	316	18	200	11598	4	-58.5		2	86	307	19	
200	115																										

## EUROPE-FRANCE

## UPPER AIR

MARCH 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND											
PRESSURE	HEIGHT	MISSING	DAYS	MEAN	DEW POINT	MISSING	DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING	DAYS	MEAN	DEW POINT	MISSING	DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING	DAYS	MEAN	DEW POINT	MISSING	DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm			°C	°C			%	o	mps	mb	gpm			°C	°C			%	o	mps	mb	gpm			°C	°C			%	o	mps
mb	gpm			°C	°C			%	o	mps	mb	gpm			°C	°C			%	o	mps	mb	gpm			°C	°C			%	o	mps
EUROPE - FRANCE BORDEAUX/MERIGNAC 4450N 00042W OB 1		EUROPE - FRANCE NIMES/COURBESSAC 4352N 00424E OB 1		EUROPE - FRANCE AJACCIO 4155N 00848E OB 2		EUROPE - GIBRALTAR GIBRALTAR 3609N 00520W OB 3		EUROPE - PORTUGAL LAJES (ACORES) 3845N 02705W OB 1		EUROPE - PORTUGAL LISBOA/GAGO COUTINHO 3846N 00908W OB 2		EUROPE - GERMAN DEMOCRATIC REPUBLIC GREIFSWALD 5406N 01324E OB 1		EUROPE - GERMAN DEMOCRATIC REPUBLIC LINDENBERG 5213N 01407E OB 1		EUROPE - GERMAN DEMOCRATIC REPUBLIC MEININGEN 5034N 01023E OB 1		EUROPE - GERMANY, FEDERAL REPUBLIC SCHLESWIG 5432N 00933E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC HANNOVER 5228N 00942E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC BERLIN-TEMPELHOF 5229N 01325E OB 2		EUROPE - GERMANY, FEDERAL REPUBLIC ESSEN 5124N 00658E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC STUTTGART/SCHNARRENBERG 4850N 00912E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC MUENCHEN- OBERSCHLEISSHEIM 4815N 01133E OB 3				
030	23497	14	-59.3								030	23497	13	-57.7								030	23687	6	-57.7							
050	20385	5	-60.4								050	20385	9	-58.3								050	20490	3	-61.2							
100	16068	3	-60.5								100	16007	8	-59.8								100	16034	4	-58.3							
150	13533	3	-59.1								150	13457	4	-58.4								150	13465	3	-56.1							
200	11741	3	-61.0								200	11642	3	-59.6								200	11642	3	-57.7							
300	9162	3	-47.5								300	9066	3	-49.3								300	9046	3	-48.5							
500	5593	3	-21.7	10.0							500	5533	3	-24.2	10.8							500	5508	3	-24.1	9.4						
700	3029	2	-6.2	9.7							700	2999	3	-7.9	11.2							700	2975	3	-8.8	6.9						
850	1487	2	1.4	6.6							850	1467	2	-0.3	7.0							850	1446	3	-0.2	5.2						
1014	* 61		6.4	2.0							1011	* 62		6.2	6.1							1015	* 9		11.7	6.6						
EUROPE - GIBRALTAR GIBRALTAR 3609N 00520W OB 3		EUROPE - PORTUGAL LAJES (ACORES) 3845N 02705W OB 1		EUROPE - PORTUGAL LISBOA/GAGO COUTINHO 3846N 00908W OB 2		EUROPE - GERMAN DEMOCRATIC REPUBLIC GREIFSWALD 5406N 01324E OB 1		EUROPE - GERMAN DEMOCRATIC REPUBLIC LINDENBERG 5213N 01407E OB 1		EUROPE - GERMAN DEMOCRATIC REPUBLIC MEININGEN 5034N 01023E OB 1		EUROPE - GERMANY, FEDERAL REPUBLIC SCHLESWIG 5432N 00933E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC HANNOVER 5228N 00942E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC BERLIN-TEMPELHOF 5229N 01325E OB 2		EUROPE - GERMANY, FEDERAL REPUBLIC ESSEN 5124N 00658E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC STUTTGART/SCHNARRENBERG 4850N 00912E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC MUENCHEN- OBERSCHLEISSHEIM 4815N 01133E OB 3										
030	23672	0	-57.8			0	89	274	9		030	23672	6	-57.7								030	23687	6	-57.7							
050	20482	0	-62.1			0	90	293	9		050	20490	3	-61.2								050	20490	3	-61.2							
100	16234	0	-63.6			0	93	284	19		100	16213	0	-62.7								100	16213	0	-62.7							
150	13730	0	-61.0			0	88	286	22		150	13702	0	-61.7								150	13702	0	-61.7							
200	11946	0	-60.9			0	82	293	20		200	11923	0	-61.7								200	11923	0	-61.7							
300	9343	0	-44.5	8.1		0	73	295	15		300	9310	7	-45.0								300	9225	0	-44.8							
500	5716	0	-17.3	14.4		0	75	298	10		500	5690	2	-17.4								500	5705	0	-17.6							
700	3109	0	0.3	17.0		0	65	302	6		700	3080	2	-0.2								700	3103	0	-0.7							
850	1527	0	8.9	13.1		0	24	345	2		850	1510	2	5.7	4.0							850	1525	0	7.8	14.4						
1019	* 4		16.3	6.5							1006	* 54		13.5	3.0							1008	* 105		15.2	7.0						
EUROPE - GERMAN DEMOCRATIC REPUBLIC GREIFSWALD 5406N 01324E OB 1		EUROPE - GERMAN DEMOCRATIC REPUBLIC LINDENBERG 5213N 01407E OB 1		EUROPE - GERMAN DEMOCRATIC REPUBLIC MEININGEN 5034N 01023E OB 1		EUROPE - GERMANY, FEDERAL REPUBLIC SCHLESWIG 5432N 00933E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC HANNOVER 5228N 00942E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC BERLIN-TEMPELHOF 5229N 01325E OB 2		EUROPE - GERMANY, FEDERAL REPUBLIC ESSEN 5124N 00658E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC STUTTGART/SCHNARRENBERG 4850N 00912E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC MUENCHEN- OBERSCHLEISSHEIM 4815N 01133E OB 3																
030	23518	11	-58.3			0	51	250	2		030	23499	13	-57.7								030	23512	5	-58.2							
050	20301	8	-57.2			0	43	289	2		050	20271	6	-57.4								050	20292	3	-58.0							
100	15878	4	-54.4	8.9		0	48	308	3		100	15865	4	-54.4								100	15898	2	-55.4							
150	13279	2	-53.9	7.8		0	53	317	4		150	13267	2	-53.7	8.3							150	13312	1	-54.7							
200	11427	1	-55.0	6.5		0	55	314	5		200	11430	1	-55.3	6.9							200	11478	0	-55.9							
300	8840	0	-52.8	5.2		0	49	318	5		300	8841	0	-53.1	6.0							300	8890	0	-51.8							
500	5389	0	-30.2	7.4		0	36	311	3		500	5392	0	-30.4	7.8							500	5419	0	-28.8							
700	2914	0	-14.5	7.4		0	19	292	1		700	2919	0	-14.6	7.3							700	2934	0	-13.6							
850	1420	0	-7.0	5.7		0	16	227	1		850	1426	0	-7.3	4.6							850	1433	0	-5.9	4.4						
1017	* 50		-0.5	3.5							1004	* 115		-1.8	3.0							963	* 453		-2.9	3.0						
EUROPE - GERMANY, FEDERAL REPUBLIC ESSEN 5124N 00658E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC STUTTGART/SCHNARRENBERG 4850N 00912E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC MUENCHEN- OBERSCHLEISSHEIM 4815N 01133E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC SCHLESWIG 5432N 00933E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC HANNOVER 5228N 00942E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC BERLIN-TEMPELHOF 5229N 01325E OB 2		EUROPE - GERMANY, FEDERAL REPUBLIC ESSEN 5124N 00658E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC STUTTGART/SCHNARRENBERG 4850N 00912E OB 3		EUROPE - GERMANY, FEDERAL REPUBLIC MUENCHEN- OBERSCHLEISSHEIM 4815N 01133E OB 3																
030	23489	0	-59.1			0	59	275	5		030	23498	0	-58.2								030	23534	0	-57.5							
050	20283	0	-58.4			0	59	292	6		050	20285	0	-58.3								050	20310	0	-57.8							
100	15903	0	-55.9			0	71	310	9		100	15904	0	-55.8								100	15919	0	-55.4							
150	13319	0	-55.1			0	74	315	12		150	13319	0	-55.3								150	13323	0	-54.2							
200	11484	0	-56.4	7.8		0	75	317	16		200	11485	0	-56.0	8.1							200	11485	0	-55.5							
300	8906	0	-52.1	7.2		0	70	324	19		300	8903	0	-52.2	7.3							300	8895	0	-52.1							
500	5432	0	-28.4	8.5		0	57	313	10		500	5436	0	-29.0	8.3							500	5431	0	-29.3							
700	2939	0	-12.5	8.8		0	43	293	5		700	2948	0	-13.2	7.6							700	2947	0	-13.7							
850	1433	0	-4.8	5.3		0	40	256	4		850	1446	0	-5.3	4.0							850	1447	0	-5.2							
998	* 153		2.0	4.2							980	* 315		2.0	5.3							960	* 489		0.2	4.3						

EUROPE-AUSTRIA

## UPPER AIR

MARCH 1987

LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND				LEVEL		TEMPERATURE				VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	Dew Point °C	Depression	MISSING DAYS	STEADINESS %	Direction	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	Dew Point °C	Depression	MISSING DAYS	STEADINESS %	Direction	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	Dew Point °C	Depression	MISSING DAYS	STEADINESS %	Direction	SPEED mps				
mb	gpm							°		mb	gpm							°		mb	gpm							°		mps			
<b>EUROPE - AUSTRIA . WIEN/HOHE WARTE 4815N 01622E 0B 3</b>																																	
030	23517	2	-56.5			2	74	250	7	030	23528	22	-57.2			9	92	305	6	030	23548	5	-57.0			6	79	238	4				
050	20282	2	-56.9			2	59	281	5	050	20303	9	-57.2			9	47	271	3	050	20305	0	-56.6			0	64	260	3				
100	15875	0	-55.0			0	66	298	8	100	15895	3	-54.5	7.5	3	56	299	4	100	15887	0	-54.1			0	58	284	4					
150	13279	0	-54.0			0	60	302	9	150	13924	3	-53.5	7.0	3	56	305	5	150	13284	0	-53.9	6.5	0	49	281	4						
200	11437	0	-55.4			0	56	305	11	200	11441	1	-54.8	6.2	1	57	313	6	200	11446	0	-55.8	5.7	0	45	277	5						
300	8858	0	-53.3			0	37	302	9	300	8853	0	-52.8	5.5	0	45	311	6	300	8862	0	-52.2	5.3	0	27	273	4						
500	5412	0	-30.4	7.9		0	35	315	6	500	5403	0	-30.0	6.6	0	44	312	4	500	5394	0	-29.2	5.6	0	22	300	2						
700	2938	0	-14.3	6.4		0	56	332	6	700	2927	0	-14.3	6.3	0	44	306	3	700	2916	0	-14.2	5.7	0	24	332	1						
850	1444	0	-7.1	4.6		0	66	321	5	850	1433	0	-7.2	3.7	0	40	293	2	850	1428	0	-8.3	4.0	0	29	314	1						
995	* 200		1.2	6.7				*	981	* 304									932	* 706													
<b>EUROPE - POLAND LEBA 5445N 01732E 0B 3</b>																																	
030										030	23568	7	-57.1			7	63	235	3	030	23597	1	-56.7			2	76	245	4				
050										050	20309	2	-56.4			2	44	261	2	050	20336	0	-56.0			0	57	256	3				
100	15873	0	-53.0			9	31	295	3	100	15852	1	-54.1			1	41	295	2	100	15887	0	-53.5			0	40	286	2				
150	13013	3	-52.4			3	30	310	4	150	13240	1	-53.2			1	43	296	3	150	13269	0	-52.8			0	37	290	2				
200	11416	1	-53.8			1	29	245	5	200	11386	0	-54.1			0	44	306	4	200	11415	0	-54.1			0	27	288	3				
300	8821	1	-52.8			1	33	300	7	300	8806	0	-53.9			0	35	290	4	300	8828	0	-53.2			0	27	263	3				
500	5377	1	-31.3	6.6		1	22	300	3	500	5377	0	-32.0	6.6	0	22	298	2	500	5385	0	-31.0	5.9	0	16	283	2						
700	2912	1	-51.7	7.5		1	7	275	1	700	2916	0	-15.6	7.9	0	16	296	1	700	2916	0	-15.7	6.7	0	10	310	1						
850	1424	1	-8.0	5.1		1	11	210	1	850	1428	0	-8.3	6.0	0	9	223	1	850	1430	0	-8.5	5.4	0	3	180	1						
1018	* 2		-1.4	3.7						1008	* 92		-0.8	4.6					1008	* 96		-1.7	4.4										
<b>EUROPE - POLAND WROCŁAW I 5108N 01659E 0B 1</b>																																	
030										030	23568		-55.0			80	251	7	030	23585	23	-55.3			9	91	256	5					
050	20384		-58.9							050	20322		-56.2			71	282	6	050	20328	9	-55.9			9	82	265	4					
100	15860		-53.7							100	15910	12	-54.2			12	69	290	8	100	15907	3	-54.3			3	76	287	4				
150	13271	6	-54.5			9	80	18	5	150	13303	8	-53.5			8	62	291	10	150	13304	0	-53.5			0	67	290	5				
200	11436	1	-55.8			9	50	330	5	200	11456	5	-55.1			5	55	289	11	200	11454	0	-54.4			0	59	289	6				
300	8852	0	-52.7			4	40	310	5	300	8868	4	-52.3	4.5	4	33	289	8	300	8863	0	-52.4	5.1	0	36	281	4						
500	5395	0	-30.3	4.9		0	40	316	4	500	5402	4	-29.5	4.9	5	28	313	5	500	5403	0	-29.7	5.1	0	28	293	3						
700	2922	1	-15.0	5.8		0	30	322	2	700	2923	4	-14.1	5.0	0	37	314	4	700	2927	0	-14.5	4.5	1	1	380	2						
850	1433	0	-8.5	2.9		0	30	285	2	850	1427	4	-6.8	3.8	5	29	312	2	850	1433	0	-6.7	3.9	1	29	299	1						
1005	* 116		-1.3	3.5						1000	* 139		0.5	5.3					1008	* 83		1.2	4.6										
<b>EUROPE - YUGOSLAVIA BEOGRAD/ZELENO BRDO 4447N 02032E 0B 3</b>																																	
030										030									030														
050										050									050														
100	15923	3	-54.1			7		287	5	100	11429	0	-51.8	3.5	0	20	270	3	100	15918	0	-54.0	4.6	0	75	260	6						
150	13323	1	-53.7			6		285	5	150	11429	0	-51.8	3.5	0	20	270	3	100	13320	0	-54.1	4.5	0	65	260	6						
200	11481	1	-54.7			6		281	5	200	11429	0	-51.8	3.5	0	20	270	3	100	11121	0	-56.3	4.2	0	50	265	5						
300										300	8849	0	-28.9	4.8	0	30	290	3	100	8897	0	-51.4	2.2	0	35	240	4						
500	5418	1	-29.6	7.9		7	29	277	2	500	5382	0	-15.0	3.4	0	50	210	2	500	5417	0	-28.6	4.9	0	50	240	3						
700	2937	1	-14.1	5.7		7	29	263	2	700	2910	0	-13.3	3.9	0	50	210	2	700	2933	0	-14.1	3.7	0	50	265	2						
850	1440	1	-5.7	5.4		7	34	276	1	850	1422	0	-5.6	3.6	0	30	280	1	850	1436	0	-7.3	3.8	1	29	299	1						
988	* 243		1.7	4.2						967	* 413		-2.5	3.3					1007	* 91		-2.0	2.7										
<b>EUROPE - ROMANIA CONSTANTA 4413N 02838E 0B 1</b>																																	
030										030	23632	4	-53.7	9.8	4	91	248	5	030	23610	5	-54.7	28.5	5	86	279	9						
050	20279	15	-55.2			9	80	250	5	050	20374	1	-55.0	8.9	1																		

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## UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND								
PRESSURE	HEIGHT	MISSING DAYS		MEAN	DEN POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS		MEAN	DEN POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS		MEAN	DEN POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm	%	°C	°C	%	°C	%	°	mps	mb	gpm	%	°C	°C	%	°C	%	°	mps	mb	gpm	%	°C	°C	%	°	mps		
EUROPE - ITALY BRINDISI 4039N 01757E 0B																													
030	20404	7	-55.9	31.0	7	86	284	9	030	23697	2	-52.8	29.9	2	91	262	10	030	23648	10	-54.4	30.4	9	92	283	10			
050	16004	3	-56.3	29.3	3	86	292	15	050	20430	1	-57.5	27.3	1	88	280	10	050	20413	5	-58.2	30.0	5	91	297	10			
100	13412	2	-54.2	28.1	3	84	294	19	100	16084	1	-59.0	25.5	1	89	285	20	100	16071	1	-59.1	29.5	1	93	295	20			
150	11568	1	-54.9	22.2	2	77	296	21	200	11698	1	-56.8	17.3	1	83	291	28	200	11697	1	-58.5	17.6	1	86	302	30			
200	8958	1	-49.6	13.9	1	69	297	20	300	9098	1	-47.8	12.5	1	80	296	27	300	9109	1	-47.9	13.1	1	83	307	28			
300	5458	1	-26.9	11.7	1	70	299	11	500	5543	1	-22.5	13.3	1	80	298	18	500	5551	1	-22.0	14.4	1	88	311	20			
500	2949	1	-10.6	10.6	2	53	316	6	700	2995	1	-7.2	13.1	1	80	302	10	700	2997	1	-6.3	14.8	1	88	311	12			
700	1429	1	-1.2	6.2	2	56	327	5	850	1459	1	0.9	7.7	1	66	308	6	850	1457	1	1.4	8.7	1	75	317	7			
1013	* 10	10.1	7.3						1015	*	14							1016	*	18									
EUROPE - TURKEY SAMSUN 4117N 03620E 0B 2																													
030	20320	-57.4		9	72	260	8	030	23697	5	-51.2		6	75	260	9	030	23767	4	-50.1		4	79	245	11				
050								050	20396	3	-53.7		4	90	250	10	050	20469	2	-52.7		2	85	250	11				
100								100	15968	0	-54.9		0	73	280	11	100	16040	0	-54.7		0	83	265	15				
150	13530	1	-50.0		2	65	310	10	150	13376	0	-53.9		0	66	290	12	150	13439	0	-53.3		0	81	260	18			
200	11657	0	-51.9		0	72	310	10	200	11534	0	-55.6		0	84	280	16	200	11592	0	-54.9		0	86	265	19			
300	9025	0	-47.9		0	85	360	16	300	8944	0	-50.7		0	70	250	12	300	8983	0	-50.1		0	84	235	16			
500	5487	0	-24.4	7.2	0	66	330	6	500	5452	0	-26.7	11.5	1	66	250	8	500	5480	0	-25.7	7.6	1	83	230	10			
700	2959	0	-9.3	4.9	0	58	290	5	700	2947	0	-11.2	9.5	0	75	220	6	700	2965	0	-10.5	5.7	1	88	225	7			
850	1437	0	-1.2	4.5	0	55	250	3	850	1436	0	3.7	7.0	0	50	20	4	850	1445	0	-0.9	5.1	1	75	200	3			
1015	* 4	6.5	4.5						1012	*	40							908	*	894									
EUROPE - TURKEY IZMIR 3826N 02710E 0B 2																													
030	23654	11	-52.0		9	93	270	13	030	23799	6	-49.8		6	88	255	14	030											
050	20373	8	-55.9		9	75	280	12	050	20479	3	-53.8		3	88	253	15	050											
100	15996	4	-56.9		9	68	265	13	100	16065	0	-56.2		0	92	262	25	100											
150	13406	2	-55.0		9	96	285	24	150	13477	0	-54.0		0	93	266	27	150											
200	11567	1	-54.7		1	80	300	21	200	11632	0	-54.0		0	93	265	26	200											
300	8961	1	-49.9		1	71	300	18	300	9017	0	-48.8		0	92	268	25	300											
500	5460	1	-26.5	8.5	1	62	295	8	500	5497	0	-25.2	7.3	0	87	265	13	500		0	-30.0	7.5	0	44	295	4			
700	2948	1	-9.7	9.2	1	44	280	4	700	2973	0	-8.9	9.1	0	75	255	6	700	2964	0	-9.0	6.3	0	44	201	6			
850	1426	1	-1.5	6.2	1	14	205	1	850	1445	0	1.0	6.8	0	40	215	2	850	1433	0	0.7	4.5	0	33	320	2			
1010	* 25	10.8	10.4						897	*	997							937	*	677									
EUROPE - TURKEY ADANA 3659N 03518E 0B 2																													
030	23707	5	-51.7		5	87	250	18	030	23388	0	-59.4		0	46	277	2	030	23426	0	-58.1	6.9	0	38	252	2			
050	20412	5	-54.5		5	88	260	19	050	20183	0	-57.4		0	55	278	2	050	20198	0	-56.7	6.5	0	30	253	2			
100	16027	4	-57.8		4	89	260	24	100	15790	0	-54.4		0	53	276	2	100	15785	0	-54.8	5.9	0	37	241	2			
150	13454	4	-54.7		4	90	260	30	150	13183	0	-53.0		0	36	271	2	150	13191	0	-54.5	5.4	0	43	230	3			
200	11642	3	-55.5		3	94	250	32	200	11330	0	-54.0		0	24	256	2	200	11354	0	-56.0	4.8	0	49	204	4			
300	9027	2	-49.2		2	91	260	29	300	8748	0	-54.9		0	18	236	2	300	8787	0	-55.1	4.5	0	49	201	6			
500	5505	2	-24.5	8.0	2	85	260	17	500	5340	0	-33.6	5.9	0	18	238	2	500	5375	0	-33.5	5.6	0	49	197	4			
700	2962	0	-7.6	6.8	0	58	240	9	700	2904	0	-18.5	6.8	0	37	236	2	700	2935	0	-17.7	6.9	0	43	199	3			
850	1423	0	1.9	4.9	0	38	200	6	850	1434	0	-11.0	4.7	0	31	231	2	850	1460	0	-10.6	5.2	0	55	192	3			
1007	* 20	14.1	8.2						1014	*	46							1025	*	13									
EUROPE - USSR LENINGRAD (TOWN/VILLE) 5958N 03018E 0B 1																													
030	23523	2	-58.1		2	51	267	3	030	23512	0	-56.1	7.7	9	42	280	2	030	23486	1	-57.1	10.9	1	68	256	3			
050	20292	0	-56.3		0	32	270	2	050	20252	0	-55.7	6.9	8	37	273	2	050	20250	0	-56.4	10.4	0	54	259	2			
100	15861	0	-53.4		0	34	247	2	100	15817	0	-53.9	6.2	8	28	286	2	100	15829	0	-53.8	9.4	0	37	254	2			
150	13244	0	-52.5		0	29	220	2	150	13212	0	-53.8																	

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## UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	
mb	gpm																										
EUROPE - USSR VOLOGDA 5917N 03952E 0B 1																											
030	23482	0	-56.9	7.0	2	41	238	2	030	23533	4	-55.9	8.1	9	63	266	4	030	23490	2	-57.0	10.8	2	81	270	4	
050	20252	0	-56.2	6.5	1	44	253	2	050	20280	0	-55.5	7.4	6	57	253	3	050	20251	1	-56.1	10.4	1	76	264	3	
100	15836	0	-54.3	5.6	0	41	219	2	100	15859	0	-55.0	6.7	4	40	232	2	100	15847	1	-54.0	9.2	1	61	244	2	
150	13236	0	-54.3	4.9	0	36	187	3	150	13273	0	-55.6	5.9	2	28	212	2	150	13241	0	-53.8	8.0	0	54	228	3	
200	11400	0	-56.4	4.3	0	48	178	4	200	11450	0	-58.3	5.3	0	27	208	3	200	11400	0	-55.6	6.6	0	43	218	3	
300	8833	0	-54.0	4.0	0	48	174	5	300	8902	0	-54.6	5.4	0	22	196	2	300	8828	0	-54.0	5.7	0	48	209	5	
500	5399	0	-31.7	4.6	0	54	165	5	500	5456	0	-30.4	7.3	0	35	187	3	500	5395	0	-31.7	6.4	0	49	203	4	
700	2945	0	-17.1	4.9	0	54	166	3	700	2990	0	-15.6	8.7	0	36	177	2	700	2942	0	-17.1	6.9	0	44	190	3	
850	1466	0	-10.3	5.2	0	61	157	3	850	1504	0	-9.0	7.9	0	48	170	2	850	1464	0	-9.9	7.2	0	49	177	3	
1010	* 118		-5.8	4.1					1015	* 64										*	156						
EUROPE - USSR KIEV 5024N 03027E 0B																											
030	23596	0	-55.6		0	84	247	4	030	23626	1	-54.9	6.9	6	70	253	4	030	23636	2	-54.9		3	84	237	5	
050	20337	0	-55.2		0	77	247	3	050	20357	1	-54.3	6.5	5	59	260	4	050	20369	1	-55.0		1	90	241	4	
100	15899	0	-53.6		0	60	251	3	100	15901	1	-53.2	5.8	7	50	274	3	100	15936	1	-54.2		1	78	255	5	
150	13293	0	-53.8		0	48	251	3	150	13290	1	-53.8	5.3	7	45	275	3	150	13336	1	-54.3		1	72	256	5	
200	11454	0	-55.6		0	36	249	4	200	11451	1	-55.6	4.9	7	37	280	3	200	11499	1	-56.5		1	62	255	6	
300	8871	0	-51.6		0	24	224	4	300	8864	1	-52.3	4.7	7	20	247	2	300	8914	1	-52.3		1	43	241	5	
500	5389	0	-28.8	6.9	0	24	211	2	500	5401	1	-29.6	5.8	2	5	289	1	500	5421	0	-27.8	6.5	0	39	223	3	
700	2916	0	-14.9	6.5	0	12	184	1	700	2923	1	-14.6	5.3	2	5	289	1	700	2926	0	-13.7	6.9	0	34	246	2	
850	1428	0	-8.7	5.3	0	24	144	2	850	1431	1	-8.4	3.1	1	11	256	1	850	1428	0	-7.5	7.2	0	11	350	1	
999	* 179		-5.2	3.7					978	* 325										*	64						
EUROPE - USSR SARATOV 5134N 04602E 0B 1																											
030	23632	2	-55.1	8.2	1	81	265	6	030	23596	3	-55.1		3	88	253	5	030	23609	3	-54.7		4	92	245	6	
050	20375	0	-54.7	7.8	0	90	256	5	050	20346	2	-54.8		2	82	251	4	050	20339	0	-54.2	9.9	0	88	241	5	
100	15928	0	-53.6	6.8	0	68	243	3	100	15905	1	-54.0		1	73	254	3	100	15887	0	-53.8	9.5	0	76	238	4	
150	13324	0	-54.2	6.0	0	46	233	3	150	13306	1	-54.1		1	57	258	3	150	13282	0	-53.4	7.8	0	72	245	5	
200	11492	0	-57.0	5.3	0	29	222	2	200	11471	1	-56.3		1	38	254	3	200	11438	0	-54.8	6.9	0	54	247	4	
300	8928	0	-53.5	5.4	0	12	192	2	300	8900	1	-53.3		1	22	236	3	300	8868	0	-55.3	6.6	0	24	254	3	
500	5465	0	-29.0	7.3	0	30	151	2	500	5418	1	-28.5	8.6	1	34	207	3	500	5423	0	-29.1	7.8	0	18	226	2	
700	2986	0	-14.2	9.8	1	52	133	3	700	2931	1	-13.8	9.9	1	29	161	2	700	2935	0	-12.3	7.2	0	30	203	2	
850	1494	0	-8.1	9.5	1	75	122	5	850	1441	1	-8.7	6.2	1	50	121	3	850	1429	0	-5.5	5.7	0	30	148	2	
1000	* 156		-6.7	3.8					1004	* 152		-6.5	2.4							*	77		-4.2	2.7			
EUROPE - USSR TBILISI 4141N 04457E 0B																											
EUROPE - SYRIAN ARAB REPUBLIC ALEPPO 3611N 03713E 0B 1																											
030	23670	5	-54.8		5	92	253	7	030	23782	5	-52.4		0	72	234	8	030	23785	8	-52.7		8	62	234	5	
050	20417	2	-54.9		4	93	247	7	050	20492	2	-54.7		0	88	242	13	050	20504	5	-55.1		5	87	243	11	
100	15983	3	-55.5		3	96	250	9	100	16096	1	-56.9		0	96	259	26	100	16152	4	-60.1		4	97	263	32	
150	13384	3	-54.3		3	90	249	10	150	13517	1	-54.4		0	95	262	32	150	13117	4	-56.9		4	95	266	44	
200	11554	3	-55.2		3	86	252	11	200	11291	2	-52.0	20.6	0	92	264	34	200	11770	3	-54.3		3	92	267	37	
300	8963	3	-52.1		3	82	248	9	300	9054	0	-48.3	14.3	0	263	29	300	9241	3	-45.1	16.3	3	93	267	37		
500	5470	3	-26.6	8.0	3	78	244	6	500	5519	0	-24.1	16.1	0	82	256	16	500	5563	3	-20.7	18.1	3	91	265	23	
700	2963	3	-10.0	6.0	3	60	230	3	700	2984	0	-8.2	12.0	0	80	249	9	700	2998	3	-5.3	13.5	3	93	253	14	
850	1441	3	-1.1	6.5	0	36	336	3	850	1449	0	1.1	6.9	0	74	236	5	850	1452	3	3.4	7.1	3	76	247	6	
960	* 490		5.0	7.2					964	* 393		3.8	1.9							*	611		4.7	2.4			
ASIA - USSR POLAR GMD IM.E.T. KRENKEL JA 8037N 05803E 0B 1																											
ASIA - USSR GMO IM.E.K. FEDOROVA 7743N 10417E 0B 1																											
030	23360	0	-56.9	7.2	1	70	304	3	030	23296	1	-56.8		2	42	334	2	030	23395	7	-56.7		7	62</			

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## UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND								
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED			
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps			
ASIA - USSR HATANGA 7159N 10228E OB 1																													
030									030	23321	1	-56.2		1	42	227	3	030	23390	3	-56.0		3	78	247	7			
.050									050	20060	1	-54.1		1	39	210	3	050	20149	0	-53.6		1	80	234	7			
100	15585	0	-51.2	6.4	0	52	5	3	100	15592	0	-51.8		0	46	194	3	100	15694	0	-52.3		0	74	223	6			
150	12943	0	-50.2	5.7	0	66	358	3	150	12955	0	-51.0		0	60	200	3	150	13068	0	-51.9		0	69	224	6			
200	11060	0	-50.4	5.1	0	54	344	3	200	11085	0	-50.7		0	66	202	4	200	11214	0	-53.1		0	67	226	7			
300	8437	0	-54.1	4.1	0	36	327	3	300	8483	1	-54.3		0	54	209	4	300	8624	0	-55.1		0	62	229	9			
500	5085	0	-41.0	4.4	0	31	293	3	500	5106	1	-39.9	4.0	0	54	213	4	500	5224	0	-35.2	6.2	0	49	223	5			
700	2732	0	-27.6	4.4	0	31	299	2	700	2746	1	-27.5	3.5	0	54	213	3	700	2812	0	-21.8	6.4	0	36	191	3			
850	1319	0	-22.4	3.8	0	48	292	3	850	1335	0	-23.9	3.0	0	48	197	3	850	1369	0	-17.4	4.1	0	42	132	2			
1015	* 24		-30.7	3.7					1018	* 10		-30.3	1.6					1016	* 6		-25.5	2.3							
ASIA - USSR MYS KAMENNYJ 6828N 07336E OB 1																													
030	23454	0	-55.6	6.7	9	88	303	6	030	23449	0	-57.7	7.7	0	72	288	3	030	23430	5	-57.5		5	74	307	3			
050	20189	0	-54.7	6.4	9	81	306	5	050	20217	0	-56.4	7.3	0	60	300	3	050	20218	4	-56.4		4	80	306	3			
100	15738	0	-52.9	5.8					100	15801	0	-54.5	6.5	0	62	300	3	100	1587	1	-54.3		3	84	314	5			
150	13117	0	-52.2	5.0					150	13200	0	-53.7	5.7	0	62	287	4	150	13182	1	-53.6		1	79	309	6			
200	11263	0	-53.8	4.5					200	11359	0	-55.7	5.0	0	68	282	5	200	11345	0	-55.5		0	77	306	8			
300	8686	0	-54.8	3.9					300	8789	0	-54.8	4.7	0	55	271	7	300	8787	0	-55.1		0	72	302	10			
500	5283	0	-34.9	4.9	9	65	318	5	500	5368	0	-33.2	6.0	0	55	272	6	500	5368	0	-32.7	6.3	0	73	299	8			
700	2866	0	-21.1	5.1	9	75	304	5	700	2929	0	-18.5	6.8	0	68	274	5	700	2926	0	-18.5	7.0	0	74	296	6			
850	1413	0	-15.1	3.3	9	75	306	5	850	1458	0	-11.5	4.7	0	68	272	4	850	1460	0	-12.0	5.8	0	73	296	4			
1025	*		-19.2	2.2					1026	* 7		-10.2	3.1					1025	* 35		-14.4	2.6							
ASIA - USSR TURUHANSK 6547N 08757E OB 1																													
030	23391	1	-56.6			1	81	336	4	030	23445	0	-57.6		0	72	279	3	030	23492	3	-56.9		3	81	296	4		
050	20143	0	-54.6			0	79	337	4	050	20226	0	-56.7		0	60	282	2	050	20253	2	-56.2		2	80	299	4		
100	15685	0	-52.9			0	87	339	6	100	15828	0	-55.1		0	48	270	2	100	15839	1	-55.2		1	78	309	4		
150	13068	0	-52.4			0	84	333	7	150	13243	0	-55.2		0	37	257	2	150	13252	0	-55.2		0	79	311	5		
200	11215	0	-53.7			0	84	329	9	200	11426	0	-58.5		0	43	251	4	200	11435	0	-58.7		0	74	316	7		
300	8622	0	-54.6			0	74	327	11	300	8883	0	-55.1		0	43	236	5	300	8880	0	-53.4		0	55	321	8		
500	5230	0	-36.7	6.3	0	68	323	8	500	5453	0	-30.7	6.6	0	49	229	4	500	5421	0	-29.8	7.5	0	62	319	6			
700	2838	0	-24.2	5.4	0	68	313	5	700	2990	0	-15.7	8.2	0	49	230	3	700	2955	0	-15.9	8.3	0	68	314	4			
850	1404	0	-18.7	4.6	0	62	301	3	850	1506	0	-10.1	5.9	0	43	233	2	850	1477	0	-10.6	6.2	0	55	314	3			
1020	* 32		-20.7	3.6					1015	* 96		-6.0	4.3					1023	* 40		-8.1	4.8							
ASIA - USSR OLENEK 6830N 11226E OB																													
030	23281	1	-55.8		2	21	324	1	030	23446	4	-52.5	6.9	8	75	213	5	030	23355	0	-52.2		0	83	220	5			
050	20014	0	-54.4		0	23	25	1	050	20143	2	-51.6	6.1	2	57	196	3	050	20049	0	-52.1		0	66	207	3			
100	15548	0	-51.8		0	18	23	1	100	15641	1	-51.0	5.3	1	62	181	3	100	15563	0	-51.5		0	57	189	2			
150	12915	0	-51.3		0	18	16	1	150	13001	1	-50.9	4.6	1	64	176	4	150	12929	0	-52.1		0	57	188	2			
200	11045	0	-51.3		0	18	360	1	200	11128	0	-51.2	3.9	0	60	188	4	200	11072	0	-53.1		0	46	187	2			
300	8434	0	-55.8		0	18	315	2	300	8514	0	-54.5	3.3	0	52	197	4	300	8496	0	-57.1		0	30	209	3			
500	5094	0	-41.1	4.8	0	36	300	3	500	5140	0	-38.4	3.5	0	36	207	3	500	5144	0	-39.0	6.3	0	36	247	2			
700	2737	0	-27.1	4.7	0	36	303	2	700	2763	0	-25.7	3.5	0	24	201	1	700	2774	0	-25.6	6.0	0	36	272	2			
850	1322	0	-22.5	4.0	0	47	314	2	850	1342	0	-21.8	3.6	0	36	230	1	850	1352	0	-21.0	5.3	0	56	298	2			
991	* 127		-25.6	2.5					1003	* 137		-32.0	3.0					1006	* 103		-24.2	2.7							
ASIA - USSR MYS SMIDTA 6855N 17929W OB 1																													
030	23488	1	-56.6		1	93	272	7	030	23559	1	-54.5		1	84	266	6	030	23464	0	-52.5		0	85	225	6			
050	20230	1	-54.4		1	78</td																							

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	
ASIA - USSR KORF 6021N 16600E OB 1																											
ASIA - USSR OMSK 5456N 07324E OB 1																											
030	23627	1	-50.6	9.9	3	88	237	5	030	23561	4	-56.3		5	79	290	6	030	23599	1	-56.0		1	86	281	6	
050	20295	0	-49.5	9.5	0	83	214	4	050	20308	1	-56.0		2	84	292	6	050	20352	0	-56.2		0	87	277	5	
100	15757	0	-50.1	8.2	0	82	190	4	100	15888	0	-55.0		0	85	295	5	100	15925	0	-55.2		0	85	271	5	
150	13116	0	-51.4	7.2	0	67	171	3	150	13301	0	-54.8		0	84	298	5	150	13334	0	-55.1		0	73	271	4	
200	11258	0	-54.6	6.3	0	54	167	3	200	11469	0	-57.3		0	74	309	5	200	11508	0	-57.9		0	36	277	2	
300	8679	0	-54.0	6.0	0	31	125	3	300	8905	0	-53.5		0	43	331	4	300	8943	0	-53.0		0	6	341	1	
500	5241	0	-31.9	7.7	0	49	106	3	500	5447	0	-29.6	8.8	0	49	337	4	500	5478	0	-28.7	9.5	0	18	74	1	
700	2792	0	-17.7	6.3	0	49	113	3	700	2975	0	-14.8	9.7	0	55	346	3	700	2995	0	-13.9	12.1	0	48	80	2	
850	1320	0	-11.9	3.5	0	49	106	3	850	1492	0	-9.6	6.8	0	37	354	2	850	1506	0	-8.9	9.1	0	67	73	3	
1008	* 3		-9.0	4.0		0	49	106		1019	*	94						1010	*	171							
ASIA - USSR KOLPASEV 5818N 08254E OB 1																											
ASIA - USSR KRASNOJARSK 5600N 09253E OB 1																											
030	23442	2	-56.2	8.9	2	79	309	5	030	23467	0	-54.2		0	76	304	5	030	23375	11	-52.5		9	66	291	4	
050	20196	1	-55.8	8.2	1	85	315	5	050	20198	0	-54.7		0	88	310	6	050	20090	10	-53.6		7	75	306	4	
100	15771	0	-54.9	6.9	0	85	317	6	100	15748	0	-53.9		0	91	313	6	100	15604	0	-51.9		0	81	316	4	
150	13177	0	-54.2	5.6	0	91	321	7	150	13141	0	-53.5		0	91	313	8	150	12975	0	-52.1		0	78	321	5	
200	11338	0	-56.5	4.4	0	79	323	8	200	11298	0	-54.6		0	87	313	8	200	11116	0	-52.7		0	81	321	6	
300	8782	0	-55.3	3.8	0	59	330	8	300	8722	0	-56.0		0	70	316	9	300	8528	0	-56.4		0	60	320	7	
500	5366	0	-33.1	5.7	0	53	331	5	500	5329	0	-35.0	5.3	0	69	311	6	500	5185	0	-40.4	5.4	0	43	313	5	
700	2931	0	-19.2	6.2	0	47	333	3	700	2910	0	-21.1	6.1	0	74	301	4	700	2824	0	-27.1	4.7	0	63	298	4	
850	1468	0	-12.9	5.6	0	45	333	2	850	1458	0	-14.8	6.1	3	65	287	3	850	1405	0	-20.2	5.0	0	67	280	3	
1018	* 76		-10.9	4.7						1001	*	194								990	*	258					
ASIA - USSR CITA 5201N 11320E OB																											
ASIA - USSR ALDAN 5837N 12522E OB																											
030	23469	0	-51.0		1	84	272	5	030	23371	2	-51.4		3	75	234	4	030	23516	2	-50.0		2	89	222	7	
050	20157	0	-52.1		0	79	283	5	050	20061	1	-52.4		1	58	238	3	050	20180	1	-50.3		1	83	203	6	
100	15679	0	-52.3		0	91	292	7	100	15571	0	-51.7		0	41	235	2	100	15658	0	-51.0		0	79	192	4	
150	13051	0	-51.7		0	91	297	8	150	12946	0	-52.0		0	42	227	2	150	13021	0	-51.5		0	75	190	4	
200	11189	0	-52.4		0	91	301	9	200	11092	0	-53.2		0	24	215	1	200	11159	0	-52.6		0	72	184	4	
300	8595	0	-55.2		0	80	310	10	300	8513	0	-57.7		0	30	193	2	300	8572	0	-55.4		0	43	174	4	
500	5226	0	-39.0	6.4	0	74	314	8	500	5165	0	-39.3	5.0	0	6	179	1	500	5184	0	-36.8	6.9	0	37	198	2	
700	2849	0	-25.2	6.3	0	80	320	5	700	2789	0	-25.9	4.5	0	23	342	1	700	2779	0	-22.0	8.0	0	12	261	1	
850	1406	0	-15.1	9.1	0	72	322	3	850	1370	0	-20.9	4.2	0	33	315	2	850	1330	0	-15.4	6.8	0	42	19	1	
936	* 685		-14.3	7.2						933	*	682								1010	*	6					
ASIA - USSR BLAGOVESCHENSK 5016N 12730E OB																											
ASIA - USSR HABAROVSK 4831N 13510E OB 1																											
030	23540	2	-48.6		2	95	240	6	030	23587	2	-47.4		2	94	236	7	030	23686	3	-50.1		3	98	250	7	
050	20203	2	-51.2		2	91	253	6	050	20245	1	-50.5		2	96	246	7	050	20372	1	-53.2		1	95	260	8	
100	15706	1	-51.7		1	88	264	6	100	15739	1	-51.0		1	91	259	8	100	15905	0	-53.3		0	94	267	14	
150	13068	0	-50.9		1	84	270	6	150	13099	1	-50.6		1	93	263	9	150	13278	0	-51.8		0	96	269	17	
200	11195	0	-51.1		0	85	271	7	200	11230	1	-51.2		1	86	263	9	200	11412	0	-52.7		0	96	270	20	
300	8579	0	-53.5		0	58	273	6	300	8615	1	-53.3		1	66	262	7	300	8794	0	-50.6		0	85	273	19	
500	5192	0	-37.8	6.9	0	54	270	4	500	5215	1	-35.6	6.4	1	56	268	4	500	5326	0	-31.5	8.3	0	85	278	12	
700	2803	0	-23.7	6.0	0	60	292	3	700	2805	1	-21.3	6.0	1	55	277	3	700	2874	0	-17.5	8.8	0	79	288	6	
850	1362	0	-15.8	7.3	0	59	309	3	850	1348	1	-13.4	6.3	1	53	270	2	850	1399	0	-10.8	7.5	0	64	309	4	
998	* 137</td																										

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	
ASIA - USSR KARAGANDA 4948N 07308E 0B																											
030									030		14	-53.6					030		18	-57.4	8.3	9	91	283	6		
050	20482	14	-54.6		9	89	286	6	050	20478	11	-54.0		9	85	268	5	050	20386	13	-57.9	6.8	9	96	273	11	
100	16006	4	-55.0		4	93	281	7	100	16004	4	-53.3		4	97	249	6	100	16014	12	-57.3	5.5	9	97	271	14	
150	13408	1	-54.5		1	93	274	8	150	13397	1	-53.7		2	93	248	6	150	13452	12	-60.9	4.3	9	95	271	15	
200	11567	1	-56.3		1	85	272	8	200	11562	0	-56.5		1	72	243	6	200	11646	11	-51.3	4.6	9	91	270	16	
300	8977	1	-52.0		1	59	270	6	300	8976	0	-50.9		0	61	232	5	300	9101	11	-22.9	6.5	9	98	268	9	
500	5483	1	-27.1	11.0	1	47	273	3	500	5478	0	-26.0	8.3	0	48	223	3	500	5570	11	-5.2	7.4	9	85	263	4	
700	2983	1	-12.2	11.0	1	11	295	1	700	2968	0	-10.8	9.2	0	36	158	2	700	3015	11	2.1	6.1	9	16	280	1	
850	1483	1	-7.8	6.4	1	17	91	1	850	1458	0	-4.9	8.9	0	53	117	3	850	1467	11	4.9	3.6					
958	* 555		-8.5	3.0				1025	*									938	* 847								
ASIA - USSR TASKEKT 4116N 06916E 0B																											
030	23706	3	-56.5	8.8	3	82	308	5	030	23793	20	-54.9	10.9	9	67	281	6	030	23744	9	-54.2	32.6	9	57	113	1	
050	20479	1	-58.2	7.7	1	83	296	6	050	20527	15	-56.6	9.5	9	84	261	8	050	20512	9	-60.6	30.8	9	93	243	8	
100	16113	0	-57.9	6.7	0	88	284	10	100	16136	14	-57.9	8.2	9	94	257	14	100	16307	7	-68.3	28.0	7	97	266	39	
150	13548	0	-57.0	5.6	0	87	278	13	150	13569	6	-56.0	7.2	7	97	260	18	150	13833	5	-60.4	29.6	5	98	266	55	
200	11742	0	-60.5	4.7	0	88	275	16	200	11734	4	-56.6	6.3	4	92	256	18	200	12010	5	-52.7	29.9	5	96	268	59	
300	9168	0	-48.4	5.1	0	88	265	14	300	9146	3	-48.3	6.2	3	87	247	14	300	9334	4	-41.9	22.3	4	94	270	44	
500	5607	0	-21.6	7.1	0	79	264	8	500	5586	1	-21.0	7.5	1	91	248	8	500	5684	3	-16.1	20.5	3	93	269	26	
700	3041	0	-4.3	7.0	0	85	265	5	700	3016	0	-3.7	6.5	0	69	244	4	700	3069	2	-0.3	17.3	2	93	264	14	
850	1482	0	5.1	6.4	0	41	225	1	850	1455	0	4.5	5.9	0	18	232	1	850	1487	2	9.5	13.5	4	68	256	5	
958	* 428		10.2	5.3				978	* 228		9.8	4.8					925	* 776		12.3	11.4						
ASIA - SAUDI ARABIA DAHHRAN 2616N 05009E 0B 1																											
030									030		11	-56.3		9	63	95	4	030		9	-64.2	27.7	8	48	264	2	
050									050		6	-63.7	28.3	7	50	231	2	050		5	-77.0	21.6	5	96	264	31	
100									100		5	-73.1	25.5	7	98	264	33	100		4	-64.9	22.8	4	97	271	45	
150	13956	10	-61.3	24.8	9	98	270	52	150	14000	2	-62.9	25.7	3	98	268	52	150	14103	4	-52.0	21.8	4	96	274	49	
200	12135	9	-51.5	25.1	9	97	269	56	200	12185	2	-52.1	26.1	3	98	272	56	200	12293	4	-34.1	23.2	4	97	275	42	
300	9428	9	-39.7	17.7	9	95	268	40	300	9471	2	-38.5	21.0	2	97	273	41	300	9559	4	-9.9	25.7	5	95	265	21	
500	5745	9	-13.4	20.3	9	96	269	23	500	5773	2	-12.9	23.0	2	97	265	23	500	5813	4	24.2	5	87	255	8		
700	3100	9	3.4	11.6	9	94	271	13	700	3120	2	4.6	14.4	2	95	260	12	700	3133	4	7.8	24.2	5	87	255	1	
850	1492	9	14.0	15.0	9	64	268	6	850	1508	2	15.1	14.1	2	62	244	4	850	1503	4	18.1	17.2	5	67	196	4	
1010	* 17		17.7	3.9					943	* 612		24.0	19.7					1008	* 18		30.5	16.7					
ASIA - SAUDI ARABIA KHAMIS MUSHAIT 1818N 04248E 0B 1																											
030									030		0	-55.9		0	41	69	4	030		14	-54.3	10.3	9	80	297	4	
050									050		0	-61.3		0	75	247	5	050		9	-58.5	8.2	9	92	276	5	
100	16549	8	-78.3	14.6	8	93	255	19	100	16303	0	-67.3		0	99	262	36	100	16248	3	-62.5	6.4	3	90	270	13	
150	14170	5	-65.5	14.8	5	96	268	30	150	13825	0	-60.1		0	99	270	52	150	13760	5	-59.3	6.0	3	92	268	19	
200	12368	4	-52.3	17.3	4	97	269	34	200	11998	0	-53.5		0	99	267	55	200	11955	5	-58.7	5.3	4	88	264	18	
300	9627	4	-32.6	17.2	6	96	272	31	300	9339	0	-42.9		0	94	263	38	300	9337	3	-44.5	6.3	4	90	258	12	
500	5850	4	-8.6	15.1	5	96	263	16	500	5700	0	-16.3		1	96	262	23	500	5701	3	-16.7	6.0	3	84	251	6	
700	3151	4	9.7	13.9	4	91	231	7	700	3085	0	1.0	10.1	1	89	259	12	700	3077	4	0.7	5.6	3	38	152	1	
797	* 2054		14.1	5.0					1007	* 55		17.7	6.8														
ASIA - UNITED ARAB EMIRATES ABU DHABI INT. AIRPORT 2426N 05439E 0B 3																											
030									030		0	-56.1	29.2	0	18	61	1	030		10	-56.5						
050									050		0	-64.2	24.0	0	70	269	4	050		7	-66.8						
100	16451	7	-72.4		9	97	268	30	100	16492	0	-73.5	21.4	0	97	267	27	100	16596	4	-78.1		8	81	263	15	
150	14025	3	-62.6		9	97	273	47	150	14063	0	-63.3	22.4	0	97	274	43	150	14214	4	-65.5	</					

## ASIA—PAKISTAN

## UPPER AIR

MARCH 1987

ASIA-INDIA

## UPPER AIR

MARCH 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps		
ASIA - INDIA CWC VISHAKHAPATNAM/WALTAIR 1742N 08318E 0B 3																												
030									030									030										
050									050									050										
100	16591		-78.1		9	73	96	9	100		16683							100										
150	14192	6	-63.3		9	80	88	19	150		14270	3	-63.5		7	87	275	16	150		14311	0	-63.9		0	90	272	16
200	12366	2	-50.6		2	93	91	27	200		12449	1	-50.3		1	84	290	20	200		12490	0	-50.0		0	90	186	19
300	9617	0	-31.0	15.9	0	9	89	2	300		9676	1	-29.3		1	83	280	21	300		9713	0	-57.1		0	82	184	16
500	5808	0	-8.2	8.7	0	95	75	11	500		5846	1	-5.6		1	80	280	8	500		5858	0	-4.2		0	66	181	7
700	3124	0	6.8	12.7	0	79	24	6	700		3144	0	8.5	15.8	0	59	115	4	700		3140	0	9.5	15.6	0	59	14	4
850	1490	0	19.4	18.1	0	30	20	1	850		1501	0	20.6	20.4	0	13	250	1	850		1502	0	19.9	18.0	0	63	91	4
1000	* 66		26.0	3.9					1003	*	60							1008	*	16								
ASIA - INDIA PORT BLAIR 1140N 09243E 0B 3																												
030									030									030										
050	20809	5	-63.0		5	4	73	1	050		16755	9	-76.3					050										
100	16736	3	-76.6		3	49	251	7	100		14347	4	-63.6					100										
150	14343	1	-64.5		1	74	244	12	150		12514	0	-50.5					150										
200	12518	0	-50.7		0	86	241	14	200		9740	0	-28.2					200										
300	9744	0	-28.3		0	81	244	12	300		5869	0	-3.0					300										
500	5878	0	-4.3		0	74	214	5	500		700	0	10.2	16.9				500										
700	3153	0	10.0	17.3	0	23	185	1	700		3142	0	20.3	9.4				700										
850	1511	0	18.2	13.2	0	54	70	2	850		1501	0	28.6	5.8				850										
1000	* 79		26.2	3.9					1009	*	3							1009	*	2								
ASIA - INDIA TRIVANDRUM 0829N 07657E 0B 3																												
030	24020	12	-52.3		8	41	109	3	030		23756	4	-55.4	30.4	1	55	99	3	030									
050	20809	8	-62.7		8	41	109	3	050		20559	2	-65.4	26.2	1	71	264	6	050									
100	16753	0	-77.7		0	23	343	3	100		16527	0	-76.4	20.0	0	97	261	24	100									
150	14363	0	-64.1		0	52	290	7	150		14130	0	-65.5	18.5	0	98	263	36	150									
200	12541	0	-49.0		0	74	275	10	200		12336	0	-53.6	17.6	0	98	262	39	200									
300	9753	0	-27.3		0	77	262	8	300		9604	0	-32.9	21.6	0	96	259	35	300									
500	5872	0	-2.9		0	50	290	3	500		5827	0	-8.6	26.3	0	98	256	22	500									
700	3141	0	10.3	16.2	0	12	339	1	700		3146	0	6.8	9.0	0	96	249	14	700		2948	0	-11.7	13.1	0	92	285	6
850	1499	0	19.7	9.5	0	78	56	4	850		1522	0	14.6	5.7	0	91	221	9	850		1440	0	-5.5	9.9	0	75	290	3
1000	* 64		28.2	5.9					1008	*	66							1014	*	38								
ASIA - REPUBLIC OF KOREA POHANG 3602N 12923E 0B 3																												
030	23752		-50.8		9	99	264	9	030		23591	3	-48.3		5	90	241	9	030									
050	20460		-56.2		9	99	266	18	050		20256	3	-52.2		3	96	248	13	050									
100	16139		-60.8		9	99	266	39	100		15778	0	-52.5		0	97	262	21	100									
150	13537	1	-56.5		7	99	267	47	150		13153	0	-51.4		0	96	263	25	150									
200	11745	0	-56.3		0	98	266	53	200		11283	0	-51.4		0	94	265	27	200		11369	0	-51.8		0	95	268	35
300	9131	0	-46.1	4.8	0	97	266	44	300		8666	0	-53.0		0	90	269	26	300		8746	0	-50.6		0	93	270	35
500	5544	0	-21.2	7.6	0	95	272	26	500		5250	0	-33.9	9.9	0	82	277	15	500		5300	0	-32.0	11.8	0	90	274	22
700	2989	0	-7.0	17.1	0	87	277	13	700		2819	0	-19.1	10.6	0	78	279	10	700		2850	0	-17.2	10.9	1	87	281	12
850	1459	0	-2.0	12.7	0	67	294	6	850		1351	0	-10.8	7.9	0	63	284	6	850		1371	0	-9.0	5.9	1	77	284	8
1018	* 6		6.4	7.6					1009	*	11							1009	*	19								
ASIA - JAPAN NEMURO 4320N 14535E 0B 2																												
030	23643	4	-49.7		7	79	239	6	030		23679	14	-50.0		3	95	260	14	030									
050	20318	2	-52.0		3	93	252	12	050		20361	1	-55.5		0	98	266	35	050									
100	15860	0	-53.6		1	96	261	24	100		15953	0	-56.9		0	97	266	41	100									
150	13243	0	-51.4		1	97	266	31	150		13380	0	-54.8		0	97	266	41	150									
200	11373	0	-51.7		0	94	265	33	200		11532	0	-53.2		0	96	268	45	200		11615	0	-55.3		0	96	266	51
300	8748	0	-50.6		0	92	265	34	300		8904	0	-48.3		0	95	271	45	300		8995	0	-47.3		0	95	267	47
500	5296	0	-31.6	10.5	0	89	267	22	500		5397	0	-27.9	13.1	0	94	272	29	500		5454	0	-24.8	15.1	0	92	267	28
700	2841																											

ASIA-JAPAN

## UPPER AIR

MARCH 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	
ASIA - JAPAN WAJIMA 3723N 13654E 0B 2																											
030	23632	9	-52.4						030	23679	7	-52.1					030	23693	8	-54.3					73	299	6
050	20370	3	-57.2						050	20413	1	-57.7					050	20458	0	-60.8					96	258	15
100	16031	0	-59.4						100	16101	0	-61.1					100	16228	0	-65.3					98	267	42
150	13478	0	-55.8	-					150	13561	0	-56.8					150	13731	0	-60.1					98	268	60
200	11641	0	-55.4						200	11734	0	-56.2					200	11919	0	-56.3					97	269	64
300	9024	0	-47.0						300	9112	0	-45.1					300	9273	0	-41.7					98	267	53
500	5474	0	-24.3	13.1	0	0	0	500	5527	0	-21.3	14.2	0	0	0	500	5623	0	-16.4	17.2	0			97	270	34	
700	2953	0	-10.7	12.6	0	0	0	700	2973	0	-7.1	14.3	0	0	0	700	3022	0	-2.2	15.3	0			93	268	20	
850	1439	0	-3.4	7.2	1	0	0	850	1439	0	-0.1	7.6	0	0	0	850	1459	0	4.7	10.3	0			79	261	10	
1015	* 6		4.8	4.0					1011	*	31						996	*	153								
ASIA - JAPAN YONAGO 3526N 13321E 0B 2																											
030	23685	9	-51.7						030	23711	5	-53.1					030	23706	5	-52.5					78	279	6
050	20428	4	-58.9						050	20464	1	-60.1					050	20457	1	-59.1					99	261	13
100	16134	0	-62.2						100	16216	0	-65.0					100	16201	0	-65.4					99	267	41
150	13603	0	-57.5						150	13714	0	-59.0					150	13698	0	-58.8					99	269	57
200	11779	0	-56.3						200	11896	0	-55.7					200	11880	0	-56.1					99	269	63
300	9156	0	-45.0	5.9	0	0	0	300	9251	0	-42.2					300	9247	0	-43.0					98	269	52	
500	5558	0	-20.0	15.9	0	0	0	500	5612	0	-17.4	17.1	0	0	0	500	5616	0	-17.4	17.8	0			96	273	30	
700	2994	0	-6.8	16.6	0	0	0	700	3018	0	-3.1	15.9	0	0	0	700	3021	0	-3.3	18.3	0			90	279	15	
850	1461	0	-0.7	6.6	0	0	0	850	1462	0	3.5	11.1	0	0	0	850	1469	0	1.9	10.0	0			55	280	5	
1017	* 8		7.5	5.2					1007	*	75						1015	*	14								
ASIA - JAPAN KAGOSHIMA/YOSHINO 3138N 13035E 0B 2																											
030	23712	5	-54.3						030	23727	7	-55.0					030	23736	3	-57.0					72	72	1
050	20479	4	-61.0						050	20515	2	-62.1					050	20546	2	-63.9					62	249	5
100	16281	0	-67.7						100	16392	0	-72.3					100	16503	0	-75.9					99	264	29
150	13803	0	-60.5						150	13956	0	-62.9					150	14106	0	-65.2					99	265	41
200	11994	0	-55.3						200	12154	0	-54.4					200	12311	0	-53.7					98	268	45
300	9336	0	-40.8	9.0	0	0	0	300	9459	0	-37.7	8.4	0	0	0	300	9584	0	-33.5	13.9	0			98	265	41	
500	5670	0	-15.3	13.5	0	0	0	500	5747	0	-12.3	13.9	0	0	0	500	5822	1	-9.3	19.3	0			98	259	23	
700	3049	0	0.1	18.4	0	0	0	700	3100	0	2.7	11.5	0	0	0	700	3145	0	6.3	11.4	0			93	254	11	
850	1477	0	5.5	13.3	0	0	0	850	1507	0	9.2	5.8	1	0	0	850	1529	0	13.3	6.0	1	61	226	5			
983	* 283		10.1	3.3					982	*	295						1016	*	7								
ASIA - JAPAN NAHA/KAGAMIZU 2612N 12740E 0B 2																											
030	23726	4	-55.9						030	23738	7	-55.3					030	23755	6	-55.3					62	325	3
050	20532	1	-63.4						050	20536	4	-62.9					050	20552	2	-63.4					89	254	8
100	16455	0	-74.3						100	16460	0	-74.4					100	16453	0	-73.7					97	268	33
150	14045	0	-64.6						150	14055	0	-65.3					150	14036	0	-64.4					97	269	47
200	12249	0	-54.2						200	12260	0	-54.1					200	12236	0	-54.1					97	270	43
300	9535	0	-35.3	11.9	0	0	0	300	9545	0	-35.3	12.2	0	0	0	300	9528	0	-35.6	12.7	0			98	270	43	
500	5796	0	-10.4	16.4	0	0	0	500	5801	0	-10.2	17.5	0	0	0	500	5788	0	-10.6	15.8	0			99	267	29	
700	3132	0	4.6	10.6	0	0	0	700	3135	0	4.6	11.8	1	0	0	700	3129	0	3.9	12.9	0			97	267	17	
850	1525	0	11.7	6.2	3	0	0	850	1529	0	12.1	6.8	1	0	0	850	1527	0	11.0	9.7	0	91	265	12			
1014	* 29		18.9	4.1					1016	*	15						1017	*	8								
ASIA - JAPAN MINAMITORISHIMA 2418N 15358E 0B 2																											
ASIA - THAILAND CHIANG MAI 1847N 09859E 0B 1																											
030	23758	0	-56.0						030	23682	12	-57.7					030	23755	11	-80.7							
050	20574	0	-65.4						050	20548	10	-68.5					050	20552	9	-68.2							
100	16522	0	-75.5						100	16549	5	-75.9					100	16540	11	-54.4							
150	14124	0	-65.2						150	14137	4	-64.7					150	14188	3	-68.2							
200	12329	0	-53.8						200	12332	3	-52.9					200	12401	0	-54.4							
300	9611	0	-34.3	15.4	0	0	0	300	9597	1	-32.4	10.6	1														

ASIA-THAILAND

## UPPER AIR

MARCH 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps
ASIA - THAILAND BANGKOK 1344N 10034E OB 1																										
030	23790	9	-55.6		9	87	90	11	030	23499	5	-49.5	9.7	9	93	257	7	030	23624	10	-56.4	6.7	9	83	305	5
050	20611	4	-66.3		4	41	200	3	050	20157	2	-51.8	8.9	8	94	271	8	050	20371	4	-57.7	6.3	9	100	296	8
100	16583	2	-77.2		2	56	250	8	100	15674	2	-52.3	7.9	5	94	278	9	100	15992	2	-58.0	7.2	5	96	288	11
150	14191	2	-65.8		2	90	265	19	150	13048	2	-52.0	7.2	2	95	283	10	150	13432	2	-57.4	7.2	3	100	285	14
200	12391	1	-53.3		1	93	255	21	200	11187	3	-53.0	6.4	3	91	288	10	200	11631	2	-61.5	6.8	3	97	282	16
300	9657	0	-32.6	13.8	0	94	255	16	300	8594	1	-55.8	4.8	3	85	298	12	300	9074	2	-50.4	6.7	3	92	288	17
500	5857	0	-7.4	16.1	0	86	245	8	500	5215	0	-37.8	4.8	1	77	303	9	500	5540	0	-24.4	8.6	1	95	293	10
700	3157	0	9.0	13.0	0	74	210	4	700	2825	0	-24.2	5.2	2	79	305	6	700	3007	0	-8.7	9.0	0	75	313	3
850	1523	0	18.2	6.8	0	65	175	3	850	1386	0	-16.0	5.3	2	60	297	3	850	1485	0	-4.3	4.7	1	40	19	1
1012	* 20		25.4	2.3					942	* 611								913	* 919							
ASIA - CHINA LANZHOU 3603N 10353E OB 1																										
030	23677	7	-54.8		8	91	270	5	030	23597	6	-53.2	11.1	7	98	264	7	030	23670	8	-56.8		9	89	277	4
050	20440	3	-59.3		4	93	277	7	050	20342	3	-57.0	11.0	7	99	273	9	050	20489	4	-65.1		7	92	281	6
100	16141	0	-61.2	10.1	0	0	271	17	100	15965	1	-57.8	10.6	4	98	272	18	100	16334	0	-66.8		5	97	273	14
150	13605	0	-58.7	8.2	0	97	269	20	150	13395	1	-56.1	10.0	3	98	274	21	150	13847	0	-60.5		1	97	272	20
200	11806	0	-60.9	7.7	0	97	281	19	200	11570	1	-57.2	9.4	1	98	277	22	200	12034	0	-55.7		0	95	280	19
300	9225	0	-46.9	7.6	0	97	277	14	300	8994	1	-50.5	8.4	1	97	280	22	300	9386	0	-42.9	8.8	0	89	278	4
500	5624	0	-18.4	10.8	0	94	272	8	500	5482	0	-26.3	11.3	0	95	284	12	500	5720	0	-13.1	10.3	0	71	276	3
700	3031	0	-4.5	9.6	0	33	228	1	700	2971	0	-11.6	11.9	0	87	296	7	651	* 3650	-1.3	9.0					
846	* 1518		1.2	8.7					850	1461	0	-4.9	9.8	0	60	288	3									
1012									1015	* 55																
ASIA - CHINA KUNMING 2501N 10241E OB 1																										
030	23720	4	-57.3		6	43	325	2	030	23766	2	-54.2		4	75	285	3	030	23787	8	-54.9		9	56	77	4
050	20549	3	-77.0		5	100	272	5	050	20546	2	-63.3		2	94	268	8	050	20566	2	-62.3		9	56	274	5
100	16501	2	-72.3		3	100	262	15	100	16352	0	-66.2		0	100	266	22	100	16428	0	-75.1		0	99	265	30
150	14059	1	-61.7	3	3	98	258	21	150	13853	0	-59.3	8.9	0	98	267	30	150	14075	0	-65.5		0	98	185	45
200	12235	1	-51.9	10.6	2	96	258	23	200	12031	0	-54.7	7.9	0	98	261	32	200	12284	0	-54.1		0	98	264	49
300	9510	0	-35.5	11.9	0	97	257	19	300	9362	0	-40.8	8.4	0	98	262	24	300	9561	0	-34.1	8.2	0	98	261	44
500	5774	0	-2.9	16.1	0	95	265	10	500	5686	0	-14.7	11.5	0	96	271	13	500	5807	0	9.9	9.1	0	98	262	26
700	3108	0	4.3	6.6	0	94	265	8	700	3058	0	0.1	9.2	0	94	273	8	700	3136	0	5.0	5.8	0	99	254	18
811	* 1892		9.2	5.6					850	1486	0	4.3	7.0	0	56	291	3	850	1524	0	12.8	3.7	0	80	234	8
1012									1019	* 7		6.5	2.4					1015	* 9		18.4	2.2				
AFRICA - PORTUGAL FUNCHAL 3238N 01654W OB 2																										
030									030									030	23683	5	-56.1		6	46	294	5
050									050									050	20483	4	-62.6		4	86	273	7
100	16370	9	-65.2		9	88	275	15	100	16726	1	-73.6		1	95	270	18	100	16258	2	-64.9		3	92	273	18
150	13860	6	-59.2		6	90	280	20	150	14142	1	-63.4		1	93	270	29	150	13755	1	-60.6		2	84	282	11
200	12050	5	-57.5		5	87	285	14	200	12002	1	-55.3		2	94	270	33	200	11968	0	-60.0		2	77	285	18
300	9400	2	-42.7		2	57	290	10	300	9620	1	-35.4	11.3	1	87	270	20	300	9354	0	-43.8		2	68	285	13
500	5750	1	-15.2	15.7	1	59	280	6	500	5856	1	-7.8	20.4	1	30	275	6	500	5717	1	-16.4	15.2	1	62	295	8
700	3120	1	2.4	20.0	1	23	265	2	700	3158	4	4.2	20.3	1	50	240	4	700	3104	1	0.5	18.9	1	40	31	3
850	1524	1	10.5	12.2	1	20	360	2	850	1529	1	16.4	20.6	1	39	60	2	850	1521	2	10.1	16.8	3	61	344	4
1012	* 56		19.0	8.8					1009	* 55		23.4						1012	* 62		18.0	8.2				
AFRICA - ALGERIA DAR-EL-BEIDA 3643N 00315E OB 3																										
030									030									030	20506	10	-62.0					
050									050									050	20560	5	-64.5					
100	13703	3	-58.4		9	91	280	26	100	16291	4	-65.8		100				100	14061	4	-73.7					
150	11830	3	-59.6		8	86	280	28	200	11999	0	-58.8		8	86	290	13	200	12246	0	-53.7					
300	9247	3	-45.4		5	84																				

AFRICA—NIGER

## UPPER AIR

MARCH 1987

AFRICA-SOUTH AFRICA

## UPPER AIR

MARCH 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C		%	o	mps	mb	gpm	°C	°C		%	o	mps	mb	gpm	°C	°C		%	o	mps			
AFRICA - SOUTH AFRICA PORT ELIZABETH 3359S 02536E OB 1																											
AFRICA - SOUTH AFRICA GOUGH ISLAND 4021S 00953W OB 1																											
030	23912	7	-53.2		9	68	113	3	030	23902	8	-52.0		8	78	285	4	030	20680	8	-52.4		9	91	280	15	
050	20690	0	-61.9		1	26	271	1	050	20639	2	-58.2		2	91	272	10	050	16227	1	-56.3		2	93	276	27	
100	16495	0	-67.8		0	92	272	16	100	16351	0	-63.4		0	93	270	23	100	13647	0	-54.8		0	92	276	37	
150	14026	0	-61.5		0	90	269	20	150	13844	0	-59.9		0	92	269	30	150	200	11806	0	-54.5		0	88	275	40
200	12218	0	-55.2		0	82	268	20	200	12038	0	-56.9		0	90	269	37	200	300	9155	0	-42.7	12.5	0	85	277	37
300	9537	0	-38.2	11.1	0	82	273	16	300	9378	0	-40.0	10.2	0	89	266	31	300	500	525	0	-17.6	15.5	0	89	277	30
500	5815	0	-10.1	16.0	0	83	273	23	500	5699	0	-14.1	15.0	0	93	269	21	500	700	2937	0	-4.3	14.8	0	89	279	30
700	3140	0	6.5	10.6	0	81	280	7	700	3068	0	0.6	12.9	0	3	266	16	700	850	1386	0	2.5	6.5	0	89	284	17
850	1521	0	14.2	7.2	0	8	21	1	850	1491	0	6.2	5.0	0	98	264	12	850	1004	*	6.9	2.1					
1008	*		19.2	1.5					1011	*		13.7	2.5					1004	*								
N AMERICA - USA BARROW/W. POST W. ROGERS, AK. 7118N 15647W OB 2																											
N AMERICA - USA BARTER ISLAND, AK. 7008N 14338W OB 2																											
030									030	23285	9	-61.6						030	23521	10	-57.5						
050		10	-58.5		1	94	294	12	050	2310	6	-58.6					050	20265	7	-54.7		9	77	282	10		
100	15674	6	-55.1		8	82	287	9	100	15700	4	-55.5					100	15796	2	-52.6		5	63	263	7		
150	13086	4	-53.8		6	70	279	8	150	13106	4	-54.1					150	13173	2	-52.5		6	59	245	6		
200	11239	1	-54.4		4	61	275	7	200	11262	4	-55.6					200	11315	2	-54.1		6	50	237	7		
300	8667	0	-55.7		3	49	269	10	300	8695	4	-54.8					300	8733	2	-54.1		6	42	235	8		
500	5266	0	-34.8	8.9	1	45	271	7	500	5275	3	-33.6					500	5301	2	-32.3	9.5	2	24	264	3		
700	2847	0	-21.1	9.1	1	31	286	3	700	2844	3	-20.3	8.4	4	42	258	4	700	2850	2	-17.0	10.6	2	14	161	1	
850	1398	0	-16.0	6.5	4	6	322	1	850	1387	3	-14.3	7.3	4	5	272	0	850	1373	2	-11.0	8.7	3	53	123	4	
1023	*	4	-25.3	2.9					1020	*	15	-26.7	3.2					*	5	-14.3	4.5						
N AMERICA - USA NOME, AK. 6430N 16526W OB 2																											
N AMERICA - USA BETHEL/BETHEL AIRPORT, AK. 6047N 16148W OB 2																											
030	23431	9	-59.0		9	85	290	13	030	23498	13	-58.3					030	23435	10	-60.0		1	95	293	13		
050	20213	9	-56.4		9	73	281	9	050	20261	11	-55.2					050	20256	5	-57.0		5	91	289	9		
100	15772	4	-53.3		4	63	261	6	100	15811	3	-52.4		3	53	245	4	100	15814	2	-53.7		2	72	267	6	
150	13161	3	-53.1		3	44	255	5	150	13189	2	-52.0		2	41	242	4	150	13198	2	-52.4		2	56	255	6	
200	11309	3	-55.0		3	26	250	3	200	11330	2	-53.6		2	24	225	3	200	11340	2	-53.3		2	42	218	3	
300	8735	2	-54.4		2	16	249	3	300	8736	0	-52.9		1	9	178	2	300	8747	0	-53.7		0	22	188	3	
500	5285	1	-31.7	9.3	2	10	180	1	500	5288	0	-31.4	8.9	1	35	131	5	500	5312	0	-31.7	9.9	0	33	174	4	
700	2828	1	-16.5	9.8	2	35	126	3	700	2825	0	-15.5	8.1	1	43	138	5	700	2856	0	-16.4	8.6	0	52	142	5	
850	1347	1	-9.5	6.4	4	48	121	3	850	1333	0	-6.9	5.9	3	64	137	6	850	1368	0	-7.0	9.3	0	43	103	3	
*	7		-10.1	4.5					1002	*	46	-8.3	2.7					1005	*	40	-5.0	4.5					
N AMERICA - USA COLD BAY, AK. 5512N 16243W OB 2																											
N AMERICA - USA YAKUTAT, AK. 5931N 13940W OB 2																											
030	23544	6	-57.5		8	94	287	9	030	23438	10	-60.5		9	90	305	12	030	23624	5	-56.8		9	97	274	13	
050	20298	3	-54.9		5	84	262	6	050	20230	5	-58.0		6	89	293	10	050	20425	1	-63.6						
100	15828	3	-51.7		3	69	235	5	100	15827	0	-54.4		0	92	271	9	100	16199	1	-64.2						
150	13199	2	-51.5		2	67	230	6	150	13222	0	-53.0		1	80	263	8	150	13688	1	-58.9						
200	11335	1	-52.4		2	63	233	7	200	11367	0	-53.7		1	74	256	8	200	11871	0	-56.8		7	80	270	28	
300	8725	1	-51.7		1	48	222	8	300	8776	0	-53.3		0	62	246	10	300	9255	0	-45.3		5	61	265	18	
500	5268	1	-30.7	5.4	1	50	199	6	500	5337	0	-31.6	10.1	0	42	233	5	500	5647	0	-18.3	14.0	0	71	261	14	
700	2795	1	-14.2	7.1	1	48	180	5	700	2879	0	-15.8	9.6	0	38	190	3	700	3048	0	-1.3	15.9	0	62	262	8	
850	1298	1	-6.3	4.5	2	39	165	5	850	1386	0	-6.3	8.0	0	42	142	3	850	1475	0	6.1	11.5	0	38	252	4	
997	*	31	-0.2	2.3					1010	*	9	-3.7	2.4					1000	*	124	8.3	5.0					
N AMERICA - USA BROWNSVILLE/INT., TX. 2554N 09726W OB 2																											

N AMER-USA

## UPPER AIR

MARCH 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
N AMERICA - USA MONETT, MO. 3653N 09354W 0B 2																										
030	23561	6	-59.2		6	96	270	12	030	23583	7	-57.9		7	95	275	11	030	23572	5	-59.0		7	91	272	12
050	20388	2	-62.8		3	89	266	11	050	20401	6	-61.3		6	92	274	11	050	20382	4	-60.9		4	60	282	9
100	16116	1	-61.4		3	84	268	17	100	16101	6	-60.7		7	90	271	18	100	16087	2	-60.1		5	84	266	16
150	13585	0	-58.2		2	78	268	20	150	13563	5	-56.8		6	86	273	23	150	13536	2	-57.5		5	83	271	19
200	11777	0	-59.4		0	62	263	18	200	11734	4	-57.3		4	83	278	27	200	11730	2	-59.1		4	64	272	15
300	9180	0	-46.9		1	56	266	14	300	9136	4	-47.7		5	81	286	24	300	9141	2	-47.9		3	57	275	14
500	5600	0	-20.0	12.1	0	56	259	10	500	5570	2	-21.1	11.9	3	67	286	13	500	5572	1	-21.2	13.4	1	57	284	10
700	3020	0	-3.8	11.1	1	57	273	6	700	3002	3	62	299	8	700	3005	1	-5.8	12.1	1	50	273	6			
850	1463	0	3.7	8.6	0	55	244	6	850	1461	2	-0.1	8.8	3	40	320	4	850	1462	1	0.6	11.2	2	23	272	2
963	* 437		4.7	3.8					1007	*		1.3	3.9					981	*	306		1.4	4.1			
N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 4108N 10041W 0B 2																										
030	23487	11	-61.7		5	88	266	9	030	23531	9	-60.9		1	90	295	7	030	23449	6	-61.8		7	93	275	11
050	20339	5	-62.2		5	85	275	12	050	20354	2	-61.2		2	86	289	7	050	20286	4	-61.5		4	89	274	10
100	16045	4	-60.4		5	85	274	12	100	16036	2	-59.2		5	86	276	12	100	15979	1	-59.7		1	88	268	12
150	13501	4	-58.4		5	74	274	12	150	13483	1	-58.3		5	84	271	15	150	13432	1	-58.7		1	78	269	12
200	11699	4	-60.9		4	56	263	12	200	11681	1	-60.6		5	73	277	18	200	11633	1	-61.8		1	59	267	13
300	9124	2	-49.3		3	28	258	6	300	9101	1	-49.0		1	53	282	15	300	9074	1	-50.0		1	48	273	11
500	5568	1	-20.8	11.0	2	44	288	6	500	5563	0	-22.6	8.5	0	55	258	10	500	5542	0	-22.6	10.0	0	51	273	9
700	2991	0	-4.7	9.2	1	29	302	3	700	3008	0	-6.4	12.2	0	59	243	8	700	2989	0	-6.9	9.5	0	34	275	4
850	1443	0	0.8	7.5	2	39	328	4	850	1465	0	1.9	7.6	0	59	184	4	850	1455	0	-1.2	8.7	0	26	191	3
915	* 849		-1.8	2.4					968	*	405		4.8	3.0				980	*	312		-2.1	3.5			
N AMERICA - USA INT. FALLS/FALLS INT., MN. 4834N 09323W 0B 2																										
030	23414	7	-61.9		9	96	278	12	030	23427	7	-62.0		7	88	278	9	030	23449	6	-61.8		7	93	275	11
050	20240	3	-61.6		3	94	280	10	050	20265	1	-61.8		2	93	283	10	050	20286	4	-61.5		4	89	274	10
100	15924	3	-59.4		3	87	275	12	100	15966	0	-59.8		1	85	277	10	100	15939	6	-57.9		8	78	276	9
150	13381	2	-58.1		2	79	281	13	150	13418	0	-58.4		1	77	272	12	150	13378	6	-56.7		8	73	273	11
200	11589	1	-61.0		1	63	277	15	200	11620	0	-61.0		1	63	262	14	200	11563	5	-59.2		7	54	283	10
300	9022	0	-50.1		1	59	278	15	300	9056	0	-49.9		1	52	260	13	300	9004	5	-52.2		8	28	268	6
500	5496	0	-24.5	9.3	0	55	277	10	500	5517	0	-23.3	8.3	0	56	264	10	500	5499	4	-25.5	8.6	5	57	284	7
700	2964	0	-9.5	12.4	0	40	255	5	700	2969	0	-7.4	9.7	0	39	270	5	700	2977	4	-10.1	4.2	6	65	302	6
850	1448	0	-4.5	9.6	0	26	224	2	850	1439	0	-2.4	5.8	0	20	298	2	850	1452	4	-1.4	5.9				
976	* 361		-5.1	3.8					956	*	506		-4.8	1.8				886	*	1115		-1.8	3.7			
N AMERICA - USA SPOKANE/INT., WA. 4738N 11732W 0B 2																										
030	23460	13	-61.8		9	84	298	7	030	23493	11	-61.8		5	80	301	8	030	23268	3	-61.6		0	83	301	14
050	20293	9	-61.0		9	84	298	7	050	20329	5	-60.3		6	82	278	10	100	15710	0	-55.5		0	86	293	14
100	15956	5	-58.0		6	83	274	10	100	15979	3	-57.9		8	84	272	12	150	13117	0	-54.2		0	89	287	13
150	13392	4	-56.8		4	73	266	11	150	13413	3	-57.3		8	74	272	14	200	11276	0	-55.2		0	81	285	11
200	11574	4	-59.2		5	77	271	15	200	11597	1	-59.5		5	61	256	16	300	8705	0	-54.8	7.1	0	52	290	8
300	9024	3	-51.4		3	60	257	14	300	9025	1	-50.6		0	83	291	12	150	12871	2	-53.1		1	55	167	7
500	5512	2	-24.7	9.2	2	69	247	11	500	5500	1	-24.8	8.9	3	60	249	11	500	5288	0	-33.7	8.2	0	57	282	6
700	2981	2	-8.6	4.7	2	69	239	6	700	2967	1	-8.1	8.5	2	62	220	9	700	2860	0	-19.9	8.2	0	56	278	3
850	1447	2	1.3	6.2	4	69	223	6	850	1435	1	-0.2	4.8	2	69	195	8	850	1403	0	-14.8	6.8	0	31	278	2
929	* 721		2.1	1.9					1007	*	62		5.2	1.0				1012	*	60		-21.8	2.9			
N AMERICA - CANADA MOULD BAY A, N.W.T. 7614N 11919W 0B 2																										
030	23268	7	-58.9		1	65	335	8	030	23112	3	-58.9		1	49	277	6	030	23154	7	-58.1		2	46	142	8
050	19890	2	-58.0		0	68	326	9	050	19900	2	-57.7		0	64	288	8	050	19926	6	-55.7		.1	45	155	8
100	15505	0	-54.9		0	82	320	10	100	15498	1	-55.0		0	82	287	11	100	15483	3	-53.5		1	50	162	7</td

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## UPPER AIR

MARCH 1987

LEVEL		TEMPERATURE				VECTOR WIND		LEVEL		TEMPERATURE				VECTOR WIND		LEVEL		TEMPERATURE				VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	% STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	% STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	% STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps	
N AMERICA - CANADA PORT HARDY, B.C. 5041N 12722W OB 2																											
EDMONTON (STONY PLAIN), ALTA 5333N 11406W OB 2																											
030	23485	6	-62.0		1	81	309	9	030	23404	4	-62.8		0	85	299	11	030	23550	1	-59.0		0	89	267	12	
050	20304	2	-59.2		1	83	292	8	050	20235	1	-60.6		0	88	290	10	050	20360	0	-59.9		0	88	268	11	
100	15937	0	-56.4		0	82	269	10	100	15887	0	-56.8		0	84	275	12	100	16016	0	-57.7		0	89	271	15	
150	13354	0	-55.2		0	82	264	13	150	13312	0	-56.1		0	79	267	14	150	13439	0	-55.1		0	84	275	17	
200	11527	0	-57.7		0	79	258	17	200	11492	0	-58.3		0	77	266	18	200	11604	0	-56.3		0	70	276	17	
300	8948	0	-51.1	8.1	0	70	250	18	300	8931	0	-52.2	7.8	0	73	267	20	300	9005	0	-48.1	11.0	0	41	271	11	
500	5450	0	-26.4	8.7	0	67	232	11	500	5442	0	-27.5	6.7	0	79	274	12	500	5462	0	-23.9	11.1	0	38	281	7	
700	2937	0	-10.3	6.3	0	72	203	8	700	2938	0	-11.4	6.5	0	70	283	7	700	2928	0	-8.7	12.9	0	37	297	5	
850	1415	0	-1.1	5.0	0	69	179	6	850	1431	0	-6.0	4.3	0	32	287	2	850	1408	0	-3.6	9.2	0	36	345	4	
1010	*	17		4.6	1.3			925	*	766		-6.6	2.4					1011	*	30		-2.7	1.9				
N AMERICA - CANADA SABLE ISLAND, N.S. 4356N 06001W OB 2																											
MANIWAKI, QUE. 4623N 07558W OB 2																											
030	23556	3	-58.9		0	88	262	11	030	23492	4	-60.2		2	89	270	13	030	23539	5	-58.7		1	89	256	11	
050	20369	2	-60.1		0	85	263	11	050	20306	4	-60.1		1	86	274	12	050	20330	3	-58.7		0	88	257	11	
100	16024	1	-57.5		0	83	265	15	100	15974	0	-57.9		0	84	279	15	100	15967	1	-56.7		0	83	258	14	
150	13444	0	-55.0		0	80	268	16	150	13406	0	-55.8		0	74	281	15	150	13390	1	-55.8		0	78	257	15	
200	11611	0	-56.6		0	66	269	15	200	11586	0	-57.4		0	60	288	15	200	11566	1	-57.6		0	70	258	17	
300	9022	0	-49.1	9.2	0	49	258	13	300	9000	0	-49.9	8.5	0	43	293	11	300	8971	1	-48.5	9.8	0	64	261	18	
500	5476	0	-22.8	10.7	0	47	264	9	500	5475	0	-24.9	9.1	0	44	299	8	500	5431	1	-24.0	12.7	0	53	268	10	
700	2929	0	-7.4	12.3	0	44	286	6	700	2950	0	-9.8	9.3	0	37	319	5	700	2905	0	-9.8	11.9	0	27	282	4	
850	1401	0	-2.5	9.2	0	27	337	3	850	1435	0	-4.5	6.4	0	29	333	3	850	1393	0	-5.3	5.2	0	14	25	2	
1013	*	52		-7.1	2.0			998	*	170		-5.5	2.9					1015	*	140							
N AMERICA - CANADA SEPT-ILES, QUE. 5013N 06615W OB 2																											
STEPHENVILLE, NFLD. 4832N 05833W OB 2																											
030	23428	1	-60.9		0	87	264	12	030	23508	0	-59.9		2	86	255	12	030	23384	3	-60.9		1	86	256	12	
050	20248	0	-59.7		0	83	268	12	050	20313	0	-59.2		1	86	260	12	050	20204	1	-59.6		0	84	259	12	
100	15893	0	-57.2		0	80	272	14	100	15950	0	-56.3		2	78	260	13	100	15841	0	-56.2		0	82	265	14	
150	13320	0	-55.6		1	77	274	15	150	13367	0	-54.8		2	72	262	13	150	13257	0	-54.8		0	79	270	16	
200	11496	0	-57.3		1	67	281	17	200	11535	0	-56.8		2	60	264	13	200	11426	0	-56.8		0	72	273	17	
300	8919	0	-51.0	9.1	0	53	283	16	300	8950	0	-49.5	10.8	1	51	272	13	300	8844	0	-51.2	8.5	0	65	278	18	
500	5415	0	-26.4	11.3	0	46	294	10	500	5425	0	-25.0	11.9	0	48	281	10	500	5360	0	-28.7	8.0	0	56	285	10	
700	2915	0	-13.2	8.5	0	43	323	6	700	2904	0	-10.9	11.5	0	35	300	5	700	2881	0	-15.2	7.1	0	43	310	5	
850	1422	0	-8.7	6.1	0	27	352	3	850	1399	0	-6.8	8.3	0	24	358	3	850	1402	0	-11.5	3.6	0	42	344	5	
1013	*	52		-15.8	2.9			1009	*	61		-5.3	3.2					1015	*	36		-10.3	3.0				
N AMERICA - CANADA LA GRANDE IV 5345N 07340W OB 2																											
MOOSONEE, ONT. 5116N 08039W OB 2																											
030	23333	7	-61.5		4	84	265	12	030	23381	1	-62.0		2	87	271	14	030	23327	5	-62.0		1	90	286	12	
050	20163	4	-60.3		1	85	273	13	050	20214	1	-60.8		2	89	276	13	050	20173	1	-61.4		0	95	286	13	
100	15813	1	-56.9		0	85	277	15	100	15877	0	-58.1		2	82	285	15	100	15844	0	-57.6		0	94	285	15	
150	13240	1	-56.0		0	81	283	16	150	13315	0	-57.2		2	79	290	18	150	13282	0	-57.6		0	91	281	17	
200	11419	1	-58.5		0	76	286	19	200	11509	0	-59.8		2	67	304	19	200	11477	0	-59.3		0	84	277	21	
300	8853	1	-52.4	8.7	0	68	287	19	300	8941	0	-50.8	9.1	0	60	298	22	300	8905	0	-51.5	7.2	0	73	271	20	
500	5383	1	-28.8	8.3	0	66	292	12	500	5438	0	-26.6	9.1	0	58	302	13	500	5420	0	-28.1	7.7	0	72	271	12	
700	2909	0	-15.1	6.9	0	57	295	7	700	2937	0	-12.9	8.0	0	47	312	6	700	2932	0	-14.1	9.3	0	62	273	6	
850	1427	0	-10.8	6.4	0	41	305	4	850	1439	0	-7.8															

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## UPPER AIR

MARCH 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	Dew Point	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
N AMERICA - CANADA INUKJUAK, QUE 5827N 07807W OB 2																										
030	23290	2	-61.0		1	82	276	12	030	23187	4	-60.4		2	63	258	9	030	23251	5	-62.6		1	87	296	13
050	20101	1	-59.5		0	86	278	13	050	19982	2	-58.5		0	68	258	10	050	20094	4	-60.7		1	96	291	14
100	15736	1	-56.6		0	92	281	16	100	15595	0	-55.2		0	83	269	14	100	15736	1	-57.6		0	95	287	17
150	13155	0	-55.6		0	92	283	18	150	12998	0	-53.5		0	85	272	15	150	13170	1	-56.3		0	92	281	19
200	11327	0	-56.9		0	90	284	21	200	11145	0	-53.3		0	86	277	17	200	11350	1	-57.8		0	86	274	23
300	8754	0	-53.2	6.9	0	86	284	23	300	8546	0	-53.8	8.0	0	78	278	21	300	8785	1	-53.9	7.4	0	75	271	21
500	5313	0	-31.4	6.8	0	88	286	18	500	5157	0	-37.6	7.7	0	71	273	13	500	5344	1	-31.2	7.6	0	77	271	15
700	2863	0	-18.7	6.6	0	82	291	10	700	2777	0	-25.3	7.3	0	63	278	7	700	2884	1	-16.4	7.8	0	70	275	9
850	1403	0	-14.8	6.7	0	64	290	5	850	1353	0	-21.0	6.0	0	54	292	5	850	1408	1	-12.0	7.0	0	56	271	6
1023	*	7	-22.3	3.5					1019	*	21	-26.3	3.8					1019	*	30	-18.8	1.9				
N AMERICA - CANADA CORAL HARBOUR, N.W.T. 6412N 08322W OB 2																										
030	23150	6	-60.6		0	70	283	9	030	23140	7	-58.4		3	28	100	5	030	19846	13	-56.9		1	23	356	3
050	19962	4	-58.9		2	90	284	12	050	19907	6	-56.0		1	24	116	4	050	15428	13	-54.9		0	30	338	4
100	15603	0	-56.0		2	96	286	15	100	15471	1	-53.7		0	19	101	2	100	12836	13	-54.3		3	58	317	7
150	13016	0	-54.7		1	96	287	16	150	12860	0	-53.0		0	21	57	2	150	10989	13	-53.4		5	60	311	8
200	11173	0	-54.9		1	94	289	20	200	11003	0	-52.7		0	24	54	2	200	8390	10	-55.2	7.1	0	61	315	8
300	8592	0	-54.4	7.0	0	85	288	22	300	8402	0	-56.0	6.9	0	30	44	3	300	5077	3	-42.6	7.0	0	48	330	6
500	5194	0	-36.1	6.0	0	81	293	15	500	5086	0	-42.7	6.4	0	19	85	2	500	2736	3	-29.3	5.5	1	44	354	4
700	2799	0	-24.3	6.1	0	68	296	8	700	2741	0	-28.2	6.8	0	21	74	2	700	2787	0	-16.5	7.8	0	65	283	7
850	1369	0	-19.5	4.1	0	60	287	5	850	1337	0	-24.9	5.6	0	28	32	2	850	1408	0	-12.9	6.1	0	43	287	3
1015	*	62	-26.7	2.4					1024	*	10	-40.6							*	40						
N AMERICA - CANADA CAMBRIDGE BAY, N.W.T. 6906N 10507W OB 2																										
030	23112	1	-61.3		0	64	307	10	030	23157	2	-61.7		0	87	296	13	030	23282	4	-63.2		0	84	297	13
050	19919	0	-59.2		0	70	304	12	050	19987	1	-60.1		0	89	294	14	050	20126	3	-60.8		0	86	292	13
100	15547	0	-56.1		0	75	297	14	100	15631	1	-56.6		0	89	290	16	100	15762	0	-56.5		0	86	282	15
150	12963	0	-54.8		0	76	296	14	150	13049	1	-54.9		0	86	286	18	150	13182	0	-54.9		0	84	278	16
200	11118	0	-54.1		0	76	296	15	200	11210	1	-55.0		0	85	284	19	200	11343	0	-55.7		0	83	274	18
300	8534	0	-56.1	7.1	0	71	296	16	300	8637	1	-55.2	6.6	0	75	281	20	300	8767	0	-53.8	7.9	0	76	275	18
500	5175	0	-38.6	6.6	0	68	298	12	500	5238	1	-34.8	6.8	0	75	291	14	500	5337	0	-31.7	8.7	0	69	277	10
700	2795	0	-25.3	5.2	0	59	305	7	700	2820	1	-22.0	5.0	0	61	296	7	700	2879	0	-16.5	7.8	0	65	283	7
850	1370	0	-20.2	4.0	0	58	313	5	850	1380	1	-18.1	3.7	0	45	308	4	850	1408	0	-12.9	6.1	0	43	287	3
1021	*	25	-31.5	2.6					1018	*	49	-26.8	2.8					996	*	203	-16.7	2.8				
N AMERICA - CANADA FORT NELSON, B.C. 5850N 12236W OB 2																										
030	23357	7	-62.6		1	86	301	13	030	23259	2	-61.1		0	88	304	14	030	23395	4	-61.4		0	89	299	13
050	20179	1	-59.7		0	86	290	12	050	20072	2	-59.1		0	92	301	14	050	20193	0	-58.7		0	90	291	12
100	15803	1	-56.1		0	87	279	13	100	15689	0	-55.3		0	95	294	12	100	15800	0	-54.8		0	94	276	10
150	13218	0	-54.1		0	87	270	13	150	13096	0	-54.3		0	94	292	11	150	13197	0	-53.2		0	90	271	10
200	11376	0	-55.3		0	84	269	15	200	11255	0	-55.7		0	88	292	11	200	11345	0	-53.7		0	80	266	9
300	8806	0	-54.3	7.2	0	81	263	18	300	8685	0	-54.7	7.0	0	69	297	11	300	8759	0	-53.7	8.0	0	58	256	10
500	5365	0	-30.7	7.5	0	78	267	10	500	5273	0	-34.0	7.0	0	62	288	7	500	5327	0	-31.8	8.8	0	60	242	7
700	2900	0	-15.4	5.8	0	69	262	6	700	2850	0	-20.8	8.8	0	53	273	4	700	2874	0	-16.9	6.6	0	47	235	4
850	1421	0	-11.9	5.3	0	29	270	2	850	1397	0	-15.2	7.1	0	23	236	2	850	1400	0	-10.9	4.5	0	41	181	3
974	*	379	-14.2	2.1					1010	*	103	-22.4	6.0					931	*	704	-13.6	3.4				
N AMERICA - USA (BERMUDA) BERMUDA NAVAL AS KINDELY 3222N 06441W OB 2																										
030	22051	3	-64.9		4	92	270	12	030	23778	8	-53.9		8	99	90	33									
050	21850	3	-72.3		4	85	270	19	050	20618	14	-66.0		14	31	32	8									
100	100								100	16606	17	-79.4		16	27	244	16									
150	13836	11	-56.1	</td																						

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## UPPER AIR

MARCH 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps			
<b>N AMERICA - PANAMA HOWARD AFB 0859N 07933W OB 2</b>																										
030									030								030									
050									050								050									
100	16613	12	-80.0						100								100									
150	14251	12	-66.5						150								150									
200	12454	13	-52.9						200								200									
300	9705	13	-30.3	14.6					300								300									
500	5874	5	-4.9	16.9	1	52	95	4	500								500									
700	3146	5	11.3	12.9	0	79	59	4	700								700									
850	1497	5	17.7	4.6	0	86	8	6	850								850									
1000	* 69		23.3	1.0					1014	*							1013	*								
<b>N AMERICA - CURACAO AND BONAIRE HATO AIRPORT, CURACAO 1212N 06858W OB 3</b>																										
030	23781	8	-55.0						030								030									
050	20599	6	-65.0						050								050									
100	16603	1	-80.8						100								100									
150	14249	0	-67.2						150								150									
200	12447	0	-53.1						200								200									
300	9705	0	-31.4	13.5	0	79	298	9	300								300									
500	5880	0	-4.5	17.2	0	35	355	2	500								500									
700	3148	0	10.4	13.4	0	19	210	8	700								700									
850	1506	0	18.4	6.4	0	78	112	5	850								850									
1000	* 62		26.1	3.6					751	* 2548							968	*	378							
<b>S AMERICA - BRAZIL BELEM (AEROPORTO) 0123S 04829W OB 2</b>																										
030	23798	11	-58.3						030								030									
050	20666	10	-68.8						050								050									
100	16672	8	-80.6						100								100									
150	14301	8	-65.2						150								150									
200	12493	8	-51.2						200								200									
300	9733	8	-30.0	8.2	7	9	187	1	300								300									
500	5894	7	-5.1	8.3	6	27	92	2	500								500									
700	3166	6	9.6	4.1	6	87	73	7	700								700									
850	1523	6	17.3	2.9	6	93	69	7	850								850									
1000	* 16		25.8	3.0					1006	*	49						1011	*	7							
<b>S AMERICA - BRAZIL BRASILIA (AEROPORTO) 1552S 04756W OB 2</b>																										
030	23687	13	-59.5						030								030									
050	20574	11	-69.3						050								050									
100	16581	10	-81.3						100								100									
150	14238	11	-68.5						150								150									
200	12455	10	-54.1						200								200									
300	9716	10	-30.5	11.3	9	9	84	92	19								300									
500	5871	10	-5.1	7.2	9	25	218	2	500								500									
700	3157	10	9.5	8.2	9	91	92	5	700								700									
850	1515	10	17.5	5.4	9	91	112	5	850								850									
1000	* 1061		21.9	3.7					1015	*	5						1009	*	6							
<b>S AMERICA - BRAZIL SAO PAULO (AEROPORTO) 2337S 04639W OB 2</b>																										
030	24005	8	-52.4						030								030									
050	20747	6	-62.3						050								050									
100	16658	7	-73.1						100								100									
150	14220	7	-62.4						150								150									
200	12395	7	-51.2						200								200									
300	9654	7	-33.2	16.0	7	9	93	83	13								300									
500	5863	7	-7.1	21.2	5	47	241	4	500								500									
700	3161	7	7.7	14.3	5	56	288	3	700								700									
850	1530	8	15.6	5.1	5	30	17	2	850								850									
924	* 803		20.7	5.2					914	*	908						1014	*	3							
<b>S AMERICA - BRAZIL CURITIBA (AEROPORTO) 2531S 04910W OB 2</b>																										
030	23967	6	-53.4						030								030									
050	20749	6	-63.2						050								050									
100	16614	2	-71.0						100								100									
150	14242	1	-62.1						150								150									
200	12326	1	-51.7						200								200									
300	9593	1	-35.0	16.2	5	30	17	2	300								300									
500	5852	1	-9.1	16.6	5	45	1523	1	500							500										
700	3147	1	7.1	14.6	5	30	17	2	700							700										
850	1523	1	15.7	7.8	5	30	17	2	850							850										
924	* 803		20.7	5.2			</td																			

### S AMER-ARGENTINA

UPPER AIR

MARCH 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
mb	gpm		°C	°C		%	o	mps	mb	gpm	°C	°C		%	o	mps	mb	gpm	°C	°C		%	o	mps				
S AMERICA - ARGENTINA SALTA AERO 2451S 06529W OB 2																												
030	23892	11	-53.2		9	97	80	20	030	23962	3	-52.7		3	90	80	12	030	23991	4	-51.1							
050	20674	7	-64.6		7	73	80	10	050	20740	2	-62.8		2	90	93	14	050	20760	7	-61.6							
100	16596	5	-74.6		5	35	255	5	100	16623	0	-73.3		0	43	225	5	100	16580	5	-68.0							
150	14174	3	-62.7		3	63	270	9	150	14185	0	-61.8		0	74	258	18	150	14090	1	-59.2							
200	12355	1	-51.1		1	75	280	14	200	12355	0	-51.1		0	75	253	17	200	12260	0	-52.7							
300	9621	1	-33.4	14.7	1	64	270	8	300	9624	0	-33.7	15.0	0	49	251	8	300	9569	0	-36.2	16.1						
500	5840	1	-6.5	14.2	1	44	255	4	500	5840	0	-7.1	19.3	0	31	216	3	500	5812	0	-8.8	18.4						
700	3126	1	9.8	6.3	1	49	320	2	700	3138	0	8.3	14.0	0	20	298	2	700	3122	0	7.0	10.2						
850	1492	1	16.4	2.6	1	57	95	1	850	1507	0	16.8	8.2	0	52	22	4	850	1499	0	14.5	6.8						
878	*1221		15.4	0.9					1006	* 52		21.6	1.4					933	* 704		16.1	3.5						
S AMERICA - ARGENTINA EZEIZA AERO 3449S 05832W OB 2																												
030	23939	5	-53.1		5	59	95	4	030	23920	4	-52.1						030										
050	20721	4	-62.5		5	63	100	3	050	20688	3	-60.7						050										
100	16527	2	-63.3		2	80	260	12	100	16430	2	-66.4						100										
150	14056	1	-61.0		2	80	270	25	150	13978	2	-60.0						150										
200	12234	0	-53.7		0	72	270	22	200	12162	2	-53.8						200										
300	9537	0	-36.7	15.0	0	67	270	15	300	9476	1	-37.9	11.7					300										
500	5795	0	-9.6	15.5	0	66	250	9	500	5764	0	-11.2	12.3	9	80	251	11	500	5738	1	-39.4	18.9	3	72	336	23		
700	3119	0	5.7	13.0	0	37	255	3	700	3102	0	5.4	12.4	9	50	232	5	700	3087	1	3.5	15.3	3	85	326	1		
850	1503	0	14.2	9.2	0	31	280	2	850	1493	0	13.2	10.0	9	37	223	4	850	1489	1	8.4	11.0	2	25	266	2		
1011	* 20		18.7	2.2					991	* 191		14.5	1.8					982	* 271		13.2	5.0						
S AMERICA - ARGENTINA COMANDANTE ESPORA B.A. 3844S 06210W OB 2																												
030	23927	9	-53.5		9	80	254	6	030	23970	4	-39.7						030										
050	20668	8	-56.7		9	86	257	7	050	19563	1	-47.2	26.9	4	84	255		050										
100	16307	5	-58.3		6	85	275	17	100	15656	1	-47.3	31.1	3	81	242		100										
150	13742	4	-55.5		6	82	272	21	150	12972	0	-46.9	30.9	2	74	233		150										
200	11907	3	-54.0		4	74	286	22	200	11069	0	-47.7	30.4	4	64	232		200										
300	9267	1	-43.2		1	64	264	16	300	8429	1	-33.3	9.2	2	5	201		300										
500	5635	1	-16.9		1	77	255	14	500	5010	0	-33.5	11.2	1	28	242		500										
700	3026	1	-0.4		2	70	247	8	700	2580	0	-20.1	6.0	2	25	91		700										
850	1446	1	8.2		2	70	243	7	850	1115	0	-11.3	5.5	1	55	77		850										
1004	* 74		16.3	4.2					1005	* 46		13.9	10.3					978	* 40		-11.2	3.2						
ANTARCTICA - JAPAN SYOWA 6900S 03935E OB 1																												
030	23501	1	-49.7		3	98	284	12	030	23663	27	-59.9		9	99	88	24	030	23770	-56.9	9	99	90	25				
050	20164	0	-49.9		1	95	281	10	050	20563	18	-70.1		9	37	258	3	050	20615	-67.8	9	16	310	1				
100	15623	0	-49.0		0	88	287	9	100	16597	1	-80.1		1	37	270	6	100	16597	-79.5	9	34	273	5				
150	12961	0	-48.9		0	80	287	8	150	14235	1	-66.3		2	54	251	7	150	14227	9	-66.7	9	59	248	7			
200	11074	0	-49.4		0	71	289	8	200	12439	2	-54.5		2	55	196	5	200	12431	2	-53.5	5	59	208	6			
300	8461	0	-55.2		0	44	304	6	300	9698	1	-31.0	9.5	2	43	132	3	300	9699	3	-31.7	10.3	4	30	140	2		
500	5052	0	-33.9	7.6	0	25	350	2	500	5875	1	-4.9	9.6	2	55	115	3	500	5873	1	-4.7	10.3	4	51	117	5		
700	2621	0	-18.9	6.6	0	40	40	3	700	3151	1	10.5	8.2	2	71	94	4	700	3149	1	10.6	8.8	3	82	99	5		
850	1149	0	-10.2	5.8	0	85	40	9	850	1507	1	19.1	4.2	2	42	81	2	850	1507	2	18.5	3.6	4	62	106	3		
982	* 21		-5.3	5.3					1009	* 4		26.5	2.7					1009	* 5		26.2	2.9						
SW PACIFIC - MALAYSIA KUALA LUMPUR/PETALING JAYA 0306N 10139E OB 3																												
030	23683	-56.6		9	100	89	26	030	23671	-57.4		9	99	91	25	030	23674	1	-58.7	1	99	90	28					
050	20543	25	-70.3		9	45	272	3	050	20534	13	-70.7		9	46	266	4	050	20563	1	-71.1	1	37	288	2			
100	16580	3	-82.3		3	30	286	4	100	16565	5	-81.1		6	47	287	7	100	16603	0	-80.6	0	39	277	5			
150	14236	1	-67.5		2	47	247	6	150	14217	5	-67.8		6	54	258	6	150	14242	0	-66.5	0	55	272	5			
200	12441	1	-52.9		1	44	168	3	200	12427	5	-53.6		6	42	182	4	200	12445	0	-52.4	10.5	0	38	149	3		
300	9695	1	-31.1	11.2	1	64	116	4	300	9685	5	-31.1	14.7	6	54	117	14	300	9694	0	-30.4	12.9	1	77	116	5		
500	5871	0	-5.8	9.1	2	67	92	4	500	5861	4	-5.5	14.3	5	65	102	4	500	5862	0	-4.7	9.4	2	62	111	4		
700	3151	0	9.3	5.6	2	67	88	3	700	3143	4	9.1	9.6	5	59	97	3	700	3137	0	10.2	7.6	2	81	104	4		
850	1509	0	18.3	2.6	2	60	53	3	850	1507	4	16.9	3.6	5	79	62	4	850	1494	0	18.4	4.3	2	72	69	3		
1005	* 57		26.5	3.2					1009	* 16		24.7	1.6					1006	* 16		29.2	4.8						
SW PACIFIC - MALAYSIA KUANTAN 0337N 10313E OB 3																												
030	23683	-56.6		9	100	89																						

SW PAC-USA

## UPPER AIR

MARCH 1987

LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C	%	%	°	mps	mb	gpm		°C	°C	%	%	°	mps	mb	gpm		°C	°C	%	%	°	mps
SW PACIFIC - USA (PACIFIC OCEAN NORTH) MIDWAY ISLAND 2813N 17722W OB 2									SW PACIFIC - USA (PACIFIC OCEAN NORTH) LIHUE, KAUAI, HAWAII 2159N 15921W OB 2									SW PACIFIC - USA (PACIFIC OCEAN NORTH) HILO/GEN. LYMAN, HAWAII, 1943N 15504W OB 2								
030	23743	8	-55.7						030	23726	4	-56.6						030	23726	4	-56.6					
050	20549	4	-65.1						050	20540	3	-64.3						050	20540	3	-64.3					
100	16487	1	-75.6						100	16500	0	-77.3						100	16500	0	-77.3					
150	14086	0	-65.3						150	14086	0	-65.3						150	14118	0	-66.2					
200	12289	0	-54.0						200	12285	0	-54.0						200	12325	0	-53.8					
300	9577	0	-35.3						300	9573	0	-35.3						300	9603	0	-33.8					
500	5826	0	-9.5	21.4					500	5826	0	-9.5	21.4					500	5832	0	-8.7	21.4				
700	3146	0	5.6	21.5					700	3146	0	5.6	21.5					700	3143	0	6.5	23.6				
850	1538	0	10.8	7.1					850	1538	0	10.8	7.1					850	1535	0	10.9	3.7				
1019	*	45	19.7	3.6					1014	*	45	19.7	3.6					1016	*	11	19.6	3.6				
SW PACIFIC - USA (PACIFIC OCEAN NORTH) TRUK, CAROLINE IS. 0728N 15151E OB 1									SW PACIFIC - SOLOMON ISLANDS HONIARA 0925S 15958E OB 1									SW PACIFIC - VANUATU BAUERFIELD (EFATE) 1742S 16818E OB 1								
030	23795	10	-58.1						030	23700	12	-58.2						030	23782	1	-56.7	29.2				
050	20664	7	-68.3						050	20571	9	-69.5						050	20613	1	-59.1	23.1				
100	16680	5	-78.6						100	16614	5	-77.4						100	16615	1	-81.0	304				
150	14304	8	-66.1						150	14258	1	-67.6						150	14258	1	-54.7	14.6				
200	12504	9	-52.2						200	*	56	28.9	4.3					200	12458	1	-51.9	16.4				
300	9737	5	-29.8	13.1					300	9715	1	-30.1						300	9702	1	-30.3	19.0				
500	5902	4	-3.9	15.5					500	5879	1	-4.9	4.7					500	5868	1	-4.1	22.4				
700	3172	2	10.5	11.1					700	3154	1	10.3	6.1					700	3140	1	10.2	14.3				
850	1529	2	17.1	3.3					850	1561	1	18.5	5.2					850	1503	1	16.6	4.2				
1012	*	2	27.9	4.7					1004	*	56	28.9	4.3					1008	*	21	28.0	5.6				
SW PACIFIC - NEW CALEDONIA NOUMEA (NLLE-CALEDONIA) 2216S 16627E OB 1									SW PACIFIC - NEW ZEALAND (KIRIBATI) TARAWA 0121N 17255E OB 1									SW PACIFIC - NEW ZEALAND (TUVALU) FUNAFUTI 0831S 17913E OB 1								
030	23856	23	-55.2						030	23729	8	-56.6						030	23848	0	-52.9					
050	20650	6	-65.6						050	20597	4	-70.0						050	20648	0	-65.1					
100	16603	1	-76.7						100	16616	3	-80.9						100	16613	0	-81.0					
150	14217	0	-65.1						150	14277	2	-68.5						150	14271	0	-68.8					
200	12411	0	-51.6						200	12491	2	-53.9	8.7					200	12449	0	-52.4					
300	9658	0	-30.9	18.2					300	9738	1	-29.9	8.5					300	9737	0	-30.1	10.7				
500	5848	0	-5.8	21.0					500	5795	1	-4.6	5.7					500	5892	0	-4.8	7.0				
700	3139	0	8.2	19.6					700	3164	0	10.7	6.0					700	3160	0	11.5	4.9				
850	1517	0	14.6	6.4					850	1517	0	23.0	3.4					850	1511	0	19.0	2.5				
1006	*	72	26.1	5.8					1010	*	4	29.3	4.8					1009	*	2	29.5	3.9				
SW PACIFIC - FIJI NANDI 1745S 17727E OB 1									SW PACIFIC - USA (SAMOA) PAGO PAGO/INT. ARPT., AM. SAMOA 1420S 17043W OB 2									SW PACIFIC - NEW ZEALAND RAROTONGA 2112S 15949W OB 1								
030	23790	3	-54.0						030	23803	12	-55.4						030	23879	7	-51.6					
050	20594	0	-65.6						050	20623	12	-67.0						050	20646	3	-62.9					
100	16587	0	-81.1						100	16526	5	-81.4						100	16572	2	-79.5					
150	14241	0	-67.7						150	14275	4	-67.5						150	14216	0	-68.1					
200	12449	0	-53.0	11.7					200	12482	3	-52.9						200	12430	0	-54.1					
300	9702	0	-30.2	14.0					300	9731	3	-30.2	11.5					300	9695	0	-31.6	8.6				
500	5875	0	-5.0	11.7					500	5894	3	-4.7	12.6					500	5872	0	-5.8	9.0				
700	3152	0	10.3	9.8					700	3165	3	10.4	8.1					700	3153	0	9.3	7.7				
850	1512	0	18.2	3.8					850	1519	3	18.3	3.5					850	1514	0	17.0	4.0				
1008	*	18	30.2	7.3					1010	*	3	26.8	2.2					1011	*	7	27.6	3.4				
SW PACIFIC - FRENCH POLY. (MARQUESAS) ATUONA 0948S 13902W OB 1									SW PACIFIC - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 1733S 14937W OB 1									SW PACIFIC - FRENCH POLY. (TUAMOTU IS) HAO 1804S 14057W OB 1								
030	23707	22	-57.1						030	23789	19	-56.5						030	23770	21	-56.4					
050	20602	11	-69.1						050	20628	6	-67.3						050	20604	12	-69.0					
100	16615	3	-78.9						100	16631	1	-79.1						100	16594	4	-78.4					
150	14247	1	-65.8						150	14257	0	-65.5						150	14214	0	-66.2					
200	12443	1	-52.0						200	12453	0	-51.7						200	12417	0	-53.0					
300	9697	1	-30.7	16.4					300	9703	0	-30.6	12.7					300	9682	0	-31.3	11.5				
500	5871	1	-4.5	17.8					500	5877	0	-5.1	12.9					500	5874	0	-6.1	13.1				
700	3147	1	11.0	15.5					700	3158	0	10.1	10.9			</										

SW PAC-FRENCH POLY.

UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
mb	gpm		°C	°C		%	°	mb	gpm		°C	°C		%	°	mb	gpm		°C	°C		%	°	mps		
SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 2737S 14420W OB 1																										
SW PACIFIC - NEW ZEALAND KAITAIA 3508S 17316E OB 1																										
SW PACIFIC - NEW ZEALAND CHRISTCHURCH AIRPORT 4329S 17233E OB 1																										
030	23900	16	-53.6		9	98	80	10	030	23963	4	-44.4		4	78	66	4	030	23944	5	-50.9		6	45	325	2
050	20673	5	-62.7		9	48	99	4	050	20674	2	-54.5		1	22	21	1	050	20656	4	-55.2		4	60	287	3
100	16529	2	-71.9		9	93	259	17	100	16362	1	-59.4		0	94	274	17	100	16276	3	-58.3		1	67	277	9
150	14116	0	-63.9		9	91	263	24	150	13723	1	-56.4		0	95	270	27	150	13716	1	-56.3		0	56	264	10
200	12316	0	-54.0		9	88	274	27	200	12020	1	-53.5		0	94	272	30	200	11884	0	-56.1		0	35	259	8
300	9596	0	-33.2	10.2	9	95	276	20	300	9362	1	-42.2		0	88	271	23	300	9266	0	-44.6		0	14	266	3
500	5814	0	7.6	14.4	7	96	277	13	500	5701	1	-14.6	14.4	0	78	267	14	500	5638	0	-16.7	12.5	0	20	265	3
700	3119	0	7.3	13.4	2	92	278	11	700	3069	1	0.9	14.5	2	62	261	7	700	3034	0	-1.0	10.3	0	21	286	2
850	1501	0	14.1	5.9	1	77	279	6	850	1490	1	7.3	3.1	2	47	263	4	850	1465	0	5.7	5.5	0	15	306	1
1012	*	2	24.4	5.3					1004	*	87	19.4	6.3					1010	*	34	16.3	5.4				
SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 4625S 16820E OB 1																										
SW PACIFIC - NEW ZEALAND CAMPBELL ISLAND 5233S 16909E OB 1																										
030	23998	9	-51.7						030	23832	6	-49.4	31.3	6	45	293	2									
050	20470	4	-53.4						050	20680	4	-53.1	30.2	4	51	303	2									
100	16162	2	-55.1						100	16300	3	-57.3	28.8	4	69	269	7									
150	13569	2	-54.3						150	13725	1	-54.9	29.1	2	52	262	7									
200	11727	2	-55.1						200	11880	0	-54.4	21.5	0	40	248	7									
300	9104	1	-46.2						300	9247	0	-44.6	12.2	0	19	224	4									
500	5521	1	-20.4	12.5	1	82	293	17	500	5625	0	-17.6	14.0	0	19	215	3									
700	2948	1	-5.0	12.7	1	82	289	13	700	3024	0	-1.8	11.3	0	6	248	1									
850	1403	1	0.2	2.5	2	83	289	11	850	1456	0	5.3	3.3	0	16	117	2									
1013	*	1	14.1	4.5					1007	*	19	10.8	4.1					1011	*	48	16.3	2.6				
SW PACIFIC - AUSTRALIA DARWIN AIRPORT 1224S 13052E OB																										
SW PACIFIC - AUSTRALIA GOVE AIRPORT 1216S 13649E OB																										
SW PACIFIC - AUSTRALIA BROOME AIRPORT 1757S 12213E OB																										
030	20606	6	-66.2		3	97	92	12	030	20573	9	-63.0		9	97	87	13	030	20615	8	-64.4		9	89	285	10
050	20604	1	-79.0		0	37	293	3	100	16546	0	-80.9		0	55	292	4	100	16554	6	-77.4		7	94	287	16
100	16604	1	-79.0		0	37	293	3	150	14204	0	-68.6		0	53	316	5	150	14179	6	-66.4		7	94	287	16
150	14237	1	-67.1		1	70	284	9	200	12422	0	-54.1		0	68	340	7	200	12379	6	-54.1		3	91	282	14
200	12445	1	-53.1		0	75	303	8	300	9686	0	-31.1		0	60	273	4	300	9669	4	-33.1		3	80	262	9
300	9702	1	-30.8	10.0	0	67	293	6	500	5869	0	-5.9	11.3	0	18	204	1	500	5837	4	-6.0	19.1	1	25	139	2
500	5878	1	-5.4	13.1	0	10	125	1	700	3156	0	-8.8	9.3	1	68	131	6	700	3171	4	7.6	7.3	0	79	97	7
700	3162	1	9.4	11.4	0	77	116	7	850	1521	0	17.7	5.1	1	79	114	7	850	1531	4	20.8	13.3	1	65	122	3
850	1523	1	18.9	8.0	0	84	113	7	1008	1006	*	54	27.1	3.6	0	1011	*	9	27.8	4.7						
1008	*	30	26.5	2.9																						
SW PACIFIC - AUSTRALIA TOWNSVILLE AIRPORT 1915S 14645E OB 1																										
SW PACIFIC - AUSTRALIA WILLIS ISLAND 1618S 14959E OB																										
030	20573	9	-63.0						030	20591	9	-63.2						030	20591	9	-63.2					
050	20612	4	-63.9		2	97	89	13	100	16526	1	-79.8		1	52	276	4	100	16462	6	-72.4		8	93	281	15
100	16565	1	-78.2		0	75	281	10	150	14181	1	-69.3		1	77	297	10	150	14049	6	-65.9		8	91	277	23
150	14193	1	-67.3		0	87	284	19	200	12404	1	-54.6		1	80	294	10	200	12269	6	-56.8		7	87	270	23
200	12404	0	-53.3		0	87	290	19	300	9675	0	-31.9		1	86	275	8	300	9585	6	-36.4		6	87	272	17
300	9667	0	-31.6		0	90	275	16	500	5826	0	-5.5	12.9	0	66	269	4	500	5841	6	-10.0	14.3	6	79	292	8
500	5862	0	-6.3	17.6	0	63	249	4	700	3149	0	9.1	10.4	0	65	129	4	700	3168	6	6.9	10.0	0	78	323	6
700	3158	0	7.7	9.2	0	75	130	5	850	1516	0	16.6	3.6	0	77	114	6	850	1534	6	19.5	16.2	0	21	306	2
850	1530	0	16.3	4.6	1	87	99	7	1011	*	9	27.8	4.7					1013	*	7	22.8	5.4				
1011	*	6	28.0	6.6																						
SW PACIFIC - AUSTRALIA PORT HEDLAND AIRPORT 2022S 11837E OB																										
SW PACIFIC - AUSTRALIA ALICE SPRINGS AIRPORT 2348S 13354E OB																										
030	20641	8	-62.6						030	20591	9	-63.2						030	20591	9	-63.2					
050	20641	8	-62.6						100	16528	2	-74.2		4	95	279	15	100	16579	4	-76.3		0	84	278	10
100	16528	2	-74.2						150	14126	1	-65.2		4	97	278	24	150	14189	4	-65.8		0	93	284	21
150	14123	0	-66.8		0	92	274	20	200	12329	1	-54.2		4	95	275	22	200	12393	4	-53.3		0	93	282	24</

SW PAC-AUSTRALIA

## UPPER AIR

MARCH 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION °	SPEED mps		
mb	gpm								mb	gpm							mb	gpm										
SW PACIFIC - AUSTRALIA CHARLEVILLE AIRPORT 2625S 14616E OB 1								SW PACIFIC - AUSTRALIA MOREE 2928S 14951E OB 1								SW PACIFIC - AUSTRALIA BRISBANE AIRPORT 2726S 15305E OB 1												
030									030								030											
050	20682	5	-61.6		3	93	85	7	050	20707	7	-60.4					050	20640	4	-60.9		5	91	86	8			
100	16530	4	-71.8		2	92	270	16	100	16481	2	-68.9					100	16471	1	-71.8		2	90	272	20			
150	14098	3	-63.6		2	93	276	28	150	14033	1	-62.8					150	14040	1	-65.6		2	92	273	30			
200	12296	3	-53.7		2	88	273	26	200	12228	1	-54.5		8	86	265	23	200	12239	1	-52.5		2	89	272	30		
300	9588	2	-35.8		1	86	262	15	300	9540	1	-37.5		9	87	256	15	300	9543	0	-36.8		2	88	265	19		
500	5841	2	-9.0	19.9	1	66	227	6	500	5814	1	-10.8		6	82	231	9	500	5809	0	-10.1	18.7	1	83	245	8		
700	3163	2	5.5	10.3	0	79	242	6	700	3147	0	4.7	11.4	4	54	236	5	700	3140	0	4.7	11.8	1	75	213	5		
850	1542	2	16.3	10.5	0	26	350	2	850	1541	0	13.9	7.5	2	43	321	3	850	1533	0	13.1	5.7	1	28	146	2		
982	* 304		23.7	11.9					993	* 212		21.8	8.1				1016	*	6	24.0	7.5							
SW PACIFIC - AUSTRALIA PERTH AIRPORT 3156S 11557E OB 1								SW PACIFIC - AUSTRALIA KALGOORLIE AIRPORT 3046S 12127E OB 1								SW PACIFIC - AUSTRALIA ESPERANCE 3349S 12153E OB 1												
030									030								030											
050	20641	2	-60.0		5	75	101	3	050								050	20665	1	-58.7		8	65	95	3			
100	16401	0	-67.3		2	87	275	11	100								100	16405	0	-66.2		1	89	278	13			
150	13938	0	-62.6		3	91	277	19	150								150	13928	0	-62.1		0	87	278	18			
200	12150	0	-57.7		1	87	278	23	200	12195	10	-56.8					200	12137	0	-57.6		0	90	280	21			
300	9497	0	-40.0		1	84	285	18	300	9537	4	-38.7					300	9488	0	-40.3		0	83	285	16			
500	5800	0	-12.6	11.0	0	80	287	11	500	5828	4	-12.1	9.9	9	84	271	8	500	5801	0	-12.9	12.9	0	81	286	10		
700	3149	0	4.3	11.4	1	79	291	8	700	3170	4	5.0	12.1	4	55	289	4	700	3152	0	3.8	12.8	0	67	291	6		
850	1540	0	14.2	12.5	2	42	323	3	850	1557	4	14.5	11.9	2	43	337	3	850	1549	0	12.3	12.0	0	53	298	4		
1016	* 12		17.5	5.7					978	* 360		16.7	8.9				1017	*	26	16.2	4.2							
SW PACIFIC - AUSTRALIA FORREST AIRPORT 3050S 12806E OB 1								SW PACIFIC - AUSTRALIA WOOMERA AERODROME 3109S 13648E OB 1								SW PACIFIC - AUSTRALIA ADELAIDE AIRPORT 3456S 13831E OB 1												
030									030								030	23919	4	-52.8		4	66	90	4			
050	20648	8	-60.7		7	67	94	4	050	20671	2	-60.0		0	78	99	4	050	20674	2	-59.4		2	60	200	1		
100	16443	5	-68.5		1	92	275	14	100	16455	1	-68.5		0	93	264	13	100	16419	2	-65.6		1	90	265	15		
150	13988	5	-63.4		0	92	272	21	150	13998	0	-63.1		0	91	269	20	150	13942	0	-61.9		0	89	261	21		
200	12199	5	-56.7		0	90	271	21	200	12207	0	-56.6		0	88	265	20	200	12148	0	-56.9		0	87	257	21		
300	9536	5	-39.4		2	86	266	14	300	9537	0	-38.9		0	75	260	13	300	9491	0	-39.7		0	85	256	17		
500	5830	5	-11.5	15.5	0	80	267	8	500	5826	0	-11.1	18.3	1	76	249	8	500	5791	0	-12.1	20.4	0	81	247	11		
700	3168	5	5.7	18.2	0	46	247	3	700	3157	0	4.9	18.1	0	66	216	5	700	3137	0	3.6	21.0	1	66	240	7		
850	1554	5	13.1	16.2	0	5	202	3	850	1553	0	12.8	15.8	0	39	191	3	850	1543	0	10.2	14.0	0	42	240	4		
1002	* 160		15.5	5.5					1001	* 167		18.5	10.1				1021	*	4	17.7	8.4							
SW PACIFIC - AUSTRALIA COBAR 3129S 14549E OB 1								SW PACIFIC - AUSTRALIA WILLIAMSTOWN AERODROME 3247S 15149E OB 1								SW PACIFIC - AUSTRALIA ALBANY AIRPORT 3457S 11748E OB 1												
030									030								030											
050	20679	1	-59.5		9	86	81	4	050	20683	7	-58.8		7	90	258	14	050	20582	4	-69.0		8	36	92	2		
100	16451	0	-67.7		5	92	268	15	100	16429	1	-65.8		4	88	261	24	100	16397	0	-65.1		4	84	278	11		
150	13985	0	-62.1		3	92	269	23	150	13946	1	-60.8		4	86	254	24	150	13909	0	-61.1		3	82	281	17		
200	12183	0	-55.7		3	89	261	21	200	12134	1	-55.3		4	81	257	18	200	12110	0	-57.6		3	81	274	20		
300	9510	0	-38.6		2	85	260	17	300	9469	0	-39.6		2	81	257	18	300	9464	0	-40.5		2	76	286	15		
500	5800	0	-11.6		1	77	243	10	500	5772	0	-12.3	14.1	3	80	241	10	500	5779	0	-13.3	14.1	2	74	295	10		
700	3139	0	5.0	15.8	1	55	233	5	700	3121	0	3.1	12.3	2	63	245	7	700	3135	0	3.3	12.6	1	63	295	6		
850	1532	0	12.6	10.6	1	27	228	2	850	1526	0	10.2	4.9	1	28	217	2	850	1537	0	11.5	10.2	0	47	293	4		
987	* 265		19.3	8.7					1017	* 11		19.5	3.4				1011	*	69	15.0	2.7							
SW PACIFIC - AUSTRALIA MT GAMBIER AIRPORT 3744S 14047E OB 1								SW PACIFIC - AUSTRALIA WAGGA AIRPORT 3509S 14727E OB 1								SW PACIFIC - AUSTRALIA HOBART AIRPORT 4250S 14730E OB 1												
030	23115	3	-53.5		5	68	246	6	030								030	20623	9	-55.9		7	65	267	4			
050	21520	3	-59.7		3	47	226	4	050								050	20671										

SW PAC-AUSTRALIA

## UPPER AIR

MARCH 1987

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADNESS	DIRECTION	SPEED		
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) LORD HOWE ISLAND 3131S 15905E OB																										
SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) MACQUARIE ISLAND 5429S 15856E OB 1																										
030								030	23860	4	-51.4		6	85	290	6	030	23887	15	-52.4						
050	20671	9	-58.4					050	20548	2	-52.3		3	89	294	8	050	20648	5	-60.9		8	92	68	6	
100	16428	4	-66.3					100	16076	1	-53.0		3	89	288	15	100	16461	2	-70.3		4	96	275	21	
150	13949	4	-60.8					150	13459	1	-51.9		0	86	285	20	150	14014	2	-62.9		2	97	280	41	
200	12134	4	-54.6					200	11595	1	-52.4		0	83	288	24	200	12201	1	-43.2		1	96	276	38	
300	9465	4	-39.4					300	8957	0	-46.7		0	79	285	26	300	9500	0	-37.2		0	95	278	25	
500	5767	3	-12.1					500	5397	0	-22.5	9.3	0	82	290	22	500	5778	0	-11.0	16.5	0	87	274	12	
700	3115	3	3.5	14.5	5	68	246	700	2830	0	-8.1	10.7	0	83	287	16	700	3116	0	4.4	16.9	1	72	259	6	
850	1520	3	9.7	3.2	3	47	226	850	1323	0	-1.4	2.6	0	82	288	13	850	1516	0	10.0	3.8	1	35	221	3	
1012	*	46	21.5	6.7				1001	*	6	7.3	3.0					1003	*	109	21.9	6.0					
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) BINTULU 0312N 11302E OB 3																										
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KOTA KINABALU 0556N 11603E OB 3																										
030	23417	30	-59.8		9	57	290	4	030	23798	20	-57.8		9	10	179	1	030	23843	28	-57.4					
050	20451	24	-69.9		9	27	298	3	050	20657	12	-69.9		9	17	327	2	050	20718	5	-68.2		9	29	95	2
100	16485	4	-83.0		9	47	325	5	100	16661	18	-79.5		9	41	328	4	100	16708	0	-78.2		9	30	342	4
150	14162	4	-69.9		9	30	78	2	150	14279	3	-64.7		4	27	76	2	150	14314	0	-63.5		6	29	278	3
200	12387	4	-55.0		9	61	82	4	200	12457	2	-51.3		4	27	76	2	200	12493	0	-50.2		2	33	60	3
300	9659	4	-32.5	10.4	9	61	82	4	300	9713	1	-30.5	12.9	1	73	113	5	300	9728	0	-29.8	14.9	0	80	105	7
500	5853	4	-6.7	14.6	9	84	94	6	500	5883	1	-4.7	10.4	1	91	97	8	500	5897	0	-4.6	17.1	1	91	86	8
700	3144	2	8.6	7.3	9	74	95	4	700	3157	0	10.5	11.8	0	95	117	6	700	3169	0	10.6	9.0	1	91	94	6
850	1507	2	17.5	3.6	5	52	69	2	850	1513	0	19.1	5.4	0	80	102	3	850	1528	0	18.0	3.2	0	91	83	5
1010	*	5	24.9	1.4				1010	*	3	27.4	4.1					1011	*	20	25.6	1.5					
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KUCHING 0129N 11020E OB 3																										
SW PACIFIC - ISLANDS COCOS ISLAND AIRPORT 1211S 09649E OB																										
030	23699	21	-56.5		9	100	88	32	030	20522	8	-67.3		94	91	11	11	030	20700	6	-71.6		6	60	263	5
050	20513	26	-69.9		9	42	274	3	100	16530	2	-80.9		6	39	254	3	100	16727	4	-77.1		4	66	272	9
100	16521	13	-82.1		9	26	311	4	150	14186	1	-68.5		6	45	250	4	150	14326	3	-63.6		3	21	137	1
150	14178	11	-68.9		9	43	288	4	200	12403	1	-54.1		4	63	232	6	200	12510	3	-50.4		3	52	117	5
200	12391	11	-53.9		9	29	101	3	300	9670	0	-31.4		3	28	214	2	300	9745	3	-28.6	6.6	3	88	94	7
300	9658	11	-32.4	8.8	9	73	96	5	500	5857	0	-6.4	9.0	2	34	66	2	500	5901	1	-3.9	6.2	1	86	83	6
500	5853	9	-7.1	9.0	9	80	86	5	700	3149	0	9.1	8.3	0	42	88	2	700	3174	1	10.6	4.3	1	85	67	4
700	3147	8	8.1	5.6	9	56	103	3	850	1511	0	17.2	3.2	0	90	87	6	850	1531	1	18.2	1.9	1	92	55	5
850	1511	8	17.1	2.5	9	23	94	1	1001	*	3	27.0	3.4					1004	*	80	24.3	1.7				
1009	*	27	24.9	1.2																						
SHIP SITE - OCEAN WEATHER STATIONS CHARLIE 5245N 03530W OB 3																										
030	23529	5	-59.9		5	86	250	9																		
050	20318		-59.1		1	88	252	11																		
100	15958	0	-56.9	14.0	0	89	253	15																		
150	13378	0	-54.8	11.0	0	88	252	19																		
200	11545	0	-56.6	8.0	0	86	250	23																		
300	8952	0	-49.5	6.3	0	97	252	26																		
500	5430	0	-25.6	8.3	0	75	248	19																		
700	2912	0	-10.8	8.5	0	70	246	12																		
850	1397	0	-4.0	3.5	0	58	251	7																		
1010	*	0	4.3	3.1																						

## SW PAC-SOLOMON ISLANDS      UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm	°C	°C	°C	%	%	°	mps	mb	gpm	°C	°C	°C	%	%	°	mps	mb	gpm	°C	°C	°C	%	%	°	mps
SW PACIFIC - SOLOMON ISLANDS HONIARA MAY 1986 0925S 15958E 0B 1																										
030	23831	15	-53.6		9	16	214	2	030	23810	15	-53.2		9	95	102	9	030								
050	20627	13	-63.6		9	49	112	4	050	20605	1	-64.9		2	48	264	2	050								
100	16616	12	-83.2		9	27	339	2	100	16595	0	-80.8		0	17	251	2	100								
150	14278	12	-67.4		9	39	311	2	150	14234	0	-66.6		0	28	285	4	150								
200	12485	12	-52.5		9	29	132	1	200	12439	0	-52.4		0	51	262	6	200								
300	9727	12	-29.3		9	29	132	1	300	96855	0	-29.9		0	56	260	7	300								
500	5884	11	-4.3	8.9	8	59	73	3	500	5865	0	-5.7	21.2	0	42	271	3	500								
700	3154	11	11.0	6.1	4	57	84	3	700	3154	0	8.3	9.9	0	72	108	4	700								
850	* 1505	11	19.3	2.9	2	57	89	3	850	1526	0	17.0	6.5	0	96	109	8	850								
1000	* 56	28.2	4.4						1010	* 30	24.9	4.5						*	9							
SW PACIFIC - AUSTRALIA TOWNSVILLE AIRPORT MAY 1986 1915S 14645E 0B 1																										
030	23816	8	-52.0		5	85	80	6	030	23816	8	-52.0		5	85	80	6	030								
050	20570	0	-61.6		1	47	120	2	050	20555	12	-61.6		5	45	202	2	050								
100	16512	0	-81.7		1	76	280	9	100	16440	10	-74.1		2	94	268	25	100								
150	14167	0	-68.1		0	82	278	16	150	14030	9	-63.5		0	96	268	39	150								
200	12387	0	-54.2		0	84	284	17	200	12217	8	-52.2		0	95	268	46	200								
300	9657	0	-32.0		0	80	278	15	300	9500	6	-36.2		0	93	267	34	300								
500	5858	0	-6.5	19.1	0	61	260	6	500	5784	4	-12.0	16.6	0	85	267	14	500								
700	3154	0	9.0	17.9	0	29	172	1	700	3126	4	4.5	20.2	1	61	264	5	700								
850	1526	0	15.1	5.3	0	89	122	7	850	1526	4	11.0	11.9	1	22	235	1	850								
1016	* 6	24.0	6.5						1013	* 9	26.1	4.7						1017	* 7	13.9	5.2					
SW PACIFIC - AUSTRALIA PORT HEDLAND AIRPORT MAY 1986 2022S 11837E 0B 1																										
030	23816	8	-52.0		5	85	80	6	030	23816	8	-52.0		5	85	80	6	030								
050	20570	0	-61.6		1	47	120	2	050	20555	12	-61.6		5	45	202	2	050								
100	16512	0	-81.7		1	76	280	9	100	16440	10	-74.1		2	94	268	25	100								
150	14167	0	-68.1		0	82	278	16	150	14030	9	-63.5		0	96	268	39	150								
200	12244	0	-52.8		2	92	273	36	200	12247	5	-52.5		3	90	278	28	200								
300	9526	0	-35.6		1	91	269	30	300	9613	1	-33.0		1	91	277	28	300								
500	5797	0	-11.9	15.5	0	93	269	13	500	5837	5	-8.5	19.7	1	84	267	11	500								
700	3150	0	3.1	11.4	1	37	264	3	700	1358	5	4.8	10.2	1	50	221	3	700								
850	1547	0	12.7	11.6	0	35	97	3	850	1544	5	15.7	11.4	0	61	108	4	850								
1015	* 11	17.5	9.5						957	* 342	22.0	15.2						978	* 342	22.0	15.2					
SW PACIFIC - AUSTRALIA GILES MAY 1986 2502S 12818E 0B 1																										
030	23857	10	-53.8		9	84	50	5	030	23857	10	-53.8		9	84	50	5	030								
050	20638	5	-62.4		9	66	112	3	050	20645	2	-62.2		1	41	173	2	050	20447	7	-55.0		9	90	267	10
100	16507	0	-71.9		4	94	270	19	100	16498	2	-72.0		0	96	274	23	100	16019	2	-55.6		3	94	262	17
150	14067	0	-61.7		2	95	269	35	150	14054	2	-61.1		0	96	275	38	150	13431	1	-54.4		2	92	257	20
200	12245	0	-51.5	1	1	95	269	40	200	12230	2	-52.0		0	93	276	40	200	11595	1	-56.3		2	88	255	21
300	9522	0	-35.7	0	0	92	271	31	300	9516	2	-36.5		0	91	273	30	300	9013	1	-50.6		1	79	237	19
500	5798	0	-12.4	15.3	0	91	269	15	500	5802	1	-12.4	16.4	0	82	269	10	500	5502	0	-24.5	14.0	0	72	248	14
700	3150	0	3.0	12.3	0	69	286	6	700	3153	1	3.3	13.5	0	54	239	4	700	2965	0	-7.4	13.4	0	81	244	13
850	1547	0	13.3	13.8	0	29	341	2	850	1552	1	11.9	10.3	0	319	1	850	1434	0	-0.8	4.4	0	78	248	11	
951	* 599	17.2	13.0						986	* 304	17.8	7.1						1013	* 3	6.3	3.6					
ASIA - THAILAND UBON RATCHATHANI JUL 1986 1515N 10452E 0B 1																										
030	23994	10	-52.1		9	98	95	23	030	23994	10	-52.1		9	98	95	23	030	23823	11	-58.1		9	99	80	22
050	20771	9	-62.5		9	100	100	20	050	20739	6	-61.4		6	99	95	18	050	20644	9	-64.0		9	97	75	11
100	16654	5	-78.7		7	98	85	21	100	16613	3	-77.4		3	99	85	26	100	16537	3	-77.2		3	97	70	19
150	14282	2	-66.6		4	98	75	20	150	14243	2	-66.4		2	98	80	24	150	14177	2	-68.4		2	98	70	25
200	12478	2	-51.9		2	92	85	12	200	12445	1	-52.0		1	94	80	13	200	12394	1	-54.4		1	94	60	18
300	9706	2	-29.0	7.8	2	89	85	6	300	9685	1	-30.4	7.9	1	83	70	6	300	9665	0	-31.7	7.4	0	92	60	9
500	5864	2	-4.9	3.7	2	29	240	2	500	5855	0	-5.4	4.1	1	60	275	3	500	5852	0	-5.8	6.9	0	18	135	1
700	3136	2	10.2	3.1	2	94	270	6	700	3135	0	9.6	3.6	0	90	275	6	700	3138	0	9.2	6.7	0	88	270	8
850	1489	2	19.2	2.1	2	94	270	7	850	1494	0	18.2	3.2	0	91	270	8	850	1501	0	17.8	3.5	0	89	250	8
994	* 127	24.8	1.4						1008	* 20	25.8	2.0						1009	* 5	25.0	2.0					
ASIA - THAILAND BANGKOK JUL 1986 1344N 10034E 0B 1																										
030	23994	10	-52.1		9	98	95	23	030	23994	10	-52.1		9	98	95	23	030	23823	11	-58.1		9	99	80	22
050	20739	6	-61.4		6	99	95	18	050	20644	9	-64.0		3	99	95	18	050	20644	9	-64.0		3	97	75	11
100	16613	3	-77.4		3	99	85	26	100	16537	3	-77.2		3	99	85	26	100	16537	3	-77.2		3	97	70	19
150	14243	2	-66.4		2	98	80	24																		

## ASIA-THAILAND

## UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	% STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	% STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	% STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps	mb	gpm		°C	°C		%	o	mps
ASIA - THAILAND CHIANG MAI SEP 1986 1847N 09859E OB 1																										
030									030									030								
050									050									050								
100	16590	5	-79.1		9	91	70	13	100	20703	11	-62.7		4	92	95	14	100	20619	5	-64.2		6	99	85	14
150	14225	4	-66.4		8	66	50	10	150	16609	2	-81.0		2	80	85	11	150	16557	5	-82.1		5	98	85	19
200	12432	1	-52.8		6	64	35	9	200	14252	1	-67.3		1	71	80	7	200	14206	1	-68.4		1	90	75	6
300	9680	0	-30.2	8.5	5	72	70	6	300	9696	1	-29.4	11.5	1	81	85	5	300	9670	0	-31.2	9.6	0	92	75	6
500	5853	0	-5.1	6.2	4	56	65	3	500	5865	1	-5.2	8.1	1	45	105	3	500	5850	0	-6.1	5.9	0	32	100	2
700	3134	0	9.2	3.5	4	11	85	1	700	3142	1	10.0	5.1	1	22	105	1	700	3137	0	8.7	4.2	0	9	60	1
850	1495	0	18.1	1.8	4	11	90	1	850	1499	1	18.5	2.2	1	20	210	1	850	1501	0	17.7	2.9	0	9	295	1
973	* 314		22.8	1.0					996	* 127		24.5	1.6					1009	* 20		25.5	1.5				
ASIA - THAILAND SONGKHLA SEP 1986 0712N 10036E OB 1																										
030									030									030								
050									050									050								
100	16538	10	-79.0		9	92	80	18	100	23781	28	-57.0		9	82	270	13	100	20613	23	-63.9					
150	14188	6	-67.9		6	97	65	19	150	16489	14	-78.0		9	89	270	21	150	14190	13	-68.3					
200	12397	1	-54.1		1	90	60	13	200	12408	13	-54.3		9	79	260	17	200	12407	6	-53.5		6	68	40	1
300	9670	0	-31.6	8.5	0	67	55	5	300	9678	13	-32.0	11.1	9	89	265	13	300	9659	6	-31.0	6.6	6	16	355	2
500	5853	0	-5.7	4.6	0	18	195	1	500	5874	12	-6.8	7.3	9	65	105	6	500	5854	6	-5.9	5.2	6	57	120	6
700	3138	0	9.0	2.5	0	81	260	6	700	3166	12	8.7	4.8	9	92	115	13	700	3141	6	8.7	4.3	6	64	130	8
850	1499	0	17.8	2.8	0	90	255	9	850	1530	12	17.0	4.2	9	88	120	10	850	1502	6	18.1	4.9	6	64	135	7
1009	* 5		24.5	1.8					964	* 437		22.0	0.8					970	* 378		22.6	1.8				
EUROPE - SYRIAN ARAB REPUBLIC ALEPPO DEC 1986 3611N 03713E OB 2																										
030	23753	3	-54.0		3	97	262	17	030	23759	3	-54.4		3	97	263	15	030	23291	3	-67.3		3	94	283	58
050	20512	3	-58.0		3	98	263	14	050	20521	1	-59.4		2	96	259	14	050	20880	9	-65.8		3	95	287	48
100	16186	1	-60.5		1	98	265	26	100	16236	1	-62.8		1	98	265	30	100	16581	0	-77.8		2	46	238	8
150	13640	1	-56.8		1	97	265	33	150	13714	1	-58.1		1	97	266	40	150	14209	0	-67.0		0	67	252	19
200	12175	1	-54.8	18.6	1	95	265	35	200	11885	1	-54.4		1	93	263	44	200	12419	0	-53.4		0	60	261	19
300	9173	0	-45.7	16.7	0	82	266	24	300	9228	0	-42.6	21.6	0	87	264	34	300	9683	0	-31.4	11.9	0	57	254	10
500	5604	0	-22.3	14.9	0	63	267	11	500	5621	0	-20.2	19.2	0	85	264	17	500	5867	0	-5.6	9.3	0	41	289	5
700	3048	0	-5.8	10.4	0	55	249	6	700	3050	1	-4.8	13.6	0	83	255	10	700	3156	0	9.0	5.5	0	33	357	4
850	1502	0	2.8	8.0	0	38	220	3	850	1499	0	3.7	6.6	0	73	248	6	850	1519	0	19.0	5.9	0	52	71	5
973	* 393		1.5	3.3					948	* 611		3.0	1.4					876	* 1276		21.2	7.1				
S AMERICA - VENEZUELA MARACAY - B.A. SUCRE DEC 1986 1015N 06739W OB 8																										
030	23801	18	-56.7						030									030								
050	20629	9	-64.7						050									050								
100	16613	1	-79.3		89	305	18	100	12398	1	-52.8		1	52	245	12	100	15930	1	-61.4		90	295	39		
150	14239	-66.4			93	275	40	150	300	9662	1	-31.3	15.6	1	32	250	5	150	13394	-68.6		85	301	38		
200	12445	-53.1			84	260	31	200	300	9642	1	-31.3	15.6	1	41	105	7	200	11587	-58.9		71	305	32		
300	9702	-30.9	21.9		54	295	14	300	500	5840	1	-5.1	18.8	1	45	115	6	300	9009	-50.4		53	308	26		
500	5870	-5.7	25.7		69	80	12	500	300	3129	1	7.5	4.2	1	89	125	11	500	5486	-24.8	13.0	48	318	16		
700	3163	8.8	1.1		81	100	12	700	300	1499	1	16.9	4.6	1	92	120	12	700	2958	-8.8	11.1	28	332	5		
850	1532	16.8	4.9		90	95	9	850	300	1500	1	17.5	4.9	1	92	120	12	850	1433	-1.6	8.7	0	33	130	4	
973	* 437	21.0	2.3						969	* 378		22.6	3.3					968	* 103		4.0	4.0				
S AMERICA - VENEZUELA MARACAY - B.A. SUCRE JAN 1987 1015N 06739W OB 8																										
030	23726	19	-59.3						030									030								
050	20578	5	-66.9		1	45	30	9	100	12407	-52.0			56	290	13	200	11806	-56.5	11.6	0	93	270	39		
100	16601	1	-80.5						300	9659	-30.7	18.1		55	295	13	300	9198	-47.3	11.9	0	88	264	31		
150	14236	-65.8			80	85	24	150	300	5847	-5.8	17.9		45	115	6	500	5627	-21.0	14.0	0	87	257	18		
200	12436	-52.5			95	305	30	200	300	3134	8.8	9.0		85	140	11	700	3056	-3.8	12.5	0	82	243	9		
300	9693	-31.1	32.4		61	315	17	300	500	1499	17.5	4.9		92	120	12	850									

EUROPE-SYRIAN ARAB REP    UPPER AIR LATE REPORTS

EUROPE-GIBRALTAR

## UPPER AIR CORRECTIONS

LEVEL mb	TEMPERATURE			VECTOR WIND			LEVEL mb	TEMPERATURE			VECTOR WIND			LEVEL mb	TEMPERATURE			VECTOR WIND					
	PRESSURE gpm	HEIGHT °C	MISSING DAYS	DEW POINT °C	MISSING DAYS	% STEADINESS		DIRECTION °	SPEED mps	PRESSURE gpm	HEIGHT °C	MISSING DAYS	DEW POINT °C	% STEADINESS	SPEED mps	PRESSURE gpm	HEIGHT °C	MISSING DAYS	DEW POINT °C	% STEADINESS	DIRECTION °	SPEED mps	
EUROPE - GIBRALTAR GIBRALTAR FEB 1987 3609N 00520W OB 3																							
030	23569	0	-61.7		0	88	292	7															
050	20430	0	-64.5		0	92	293	8															
100	16201	0	-63.3		0	91	289	19															
150	13679	0	-58.5		0	92	291	26															
200	11873	0	-59.5		0	85	293	26															
300	9271	0	-45.8		0	80	300	25															
500	5667	0	-18.6	10.7	6	79	300	16															
700	3076	0	-1.8	12.7	8	76	297	11															
850	1510	0	5.5	7.2	9	74	286	8															
1019	*	4	13.6	4.2																			

# STATION LIST RECENT DATA

47409 C ABASHIRI	JAPAN	80099 C ARAUCA/SANTIAGO PEREZ	COLOMBIA
03091 C ABERDEEN/DYCE	U KINGDOM	44288 C ARBAITER	MONGOLIA
41112 C ABHA	SAUDI ARABIA	84752 C AREQUIPA	PERU
65578 T ABIDJAN	COTE D'IVOIRE	22550 CT ARHANGEL'SK	USSR
72266 C ABILENE, TX.	USA	85406 C ARICA	CHILE
41216 C ABU DHABI BATEEN AIRPORT	U ARAB EMIRATES	47407 C ASAHIKAWA	JAPAN
41217 CT ABU DHABI INT. AIRPORT	U ARAB EMIRATES	38880 CT ASHABAD	USSR
62640 C ABU HAMED	SUDAN	72315 C ASHEVILLE/REG., NC	USA
62795 C ABU NA'AMA	SUDAN	63021 CT ASMARA	ETHIOPIA
78650 C ACAJUTLA	EL SALVADOR	62414 C ASSWAN	EGYPT
76805 C ACAPULCO,GRO.	MEXICO	72791 C ASTORIA/CLATSOP, OR.	USA
17352 CT ADANA	TURKEY	34880 C ASTRAHAN'	USSR
63450 CT ADDIS ABABA	ETHIOPIA	86218 C ASUNCION/AEROPUERTO	PARAGUAY
94672 CTADELAIDE AIRPORT	AUSTRALIA	65376 C ATAKPAME	TOGO
41467 C ADEN KHORMAKSAR	DEM YEMEN	61421 C ATAR	MAURITANIA
60620 C ADRAR	ALGERIA	62680 C ATBARA	SUDAN
76644 C AEROP. INT. MERIDA,YUC.	MEXICO	16716 C ATHENS(HELLINIKON)	GREECE
87582 C AEROPARQUE	ARGENTINA	16714 C ATHINAI/OBSERVATORY	GREECE
17190 C AFYON	TURKEY	72219 C ATLANTA/MUN., GA.	USA
61024 C AGADEZ	NIGER	72407 C ATLANTIC CITY, NJ.	USA
60250 C AGADIR	MOROCCO	91925 CT ATUONA	FRENCH POLY.
61974 C AGALEGA	MAURITIUS	93119 C AUCKLAND AIRPORT	N ZEALAND
42261 C AGRA	INDIA	03322 T AUGHTON	U KINGDOM
42647 CT AHMADABAD	INDIA	72218 C AUGUSTA/BUSH FIELD, GA.	USA
60560 C AIN SEFRA	ALGERIA	72254 C AUSTIN/ROBERT MUELLER., TX.	USA
61499 C AIOUN EL ATROUSS	MAURITANIA	84673 C AYACUCHO	PERU
07761 CT AJACCIO	FRANCE	87642 C AZUL AERO	ARGENTINA
31168 C AJAN	USSR	08329 C BADAOZ	SPAIN
47582 CT AKITA	JAPAN	71727 C BAGOTVILLE, QUE.	CANADA
61437 C AKJOUJT	MAURITANIA	98328 C BAGUIO	PHILIPPINES
42933 C AKOLA	INDIA	87750 C BAHIA BLANCA AERO	ARGENTINA
72521 C AKRON/AKRON-CANTON REG., OH. USA	USA	41150 C BAHRAIN MUHARRAQ	BAHRAIN
04063 C AKUREYRI	ICELAND	71926 CT BAKER LAKE, N.W.T.	CANADA
40420 C AL AHSA	SAUDI ARABIA	35796 C BALHAS	USSR
41055 C AL BAHIA	SAUDI ARABIA	96633 C BALIKPAPAN/SEPINGGAN	INDONESIA
40361 C AL-JOUF	SAUDI ARABIA	72406 C BALTIMORE/BALTIMORE-WAS.,MD.	USA
94802 CT ALBANY AIRPORT	AUSTRALIA	61291 CT BAMAKO/SENOU	MALI
72518 C ALBANY/ALBANY CO., NY.	USA	64660 C BAMBARI	CENTRAL AFRICAN REP
06030 C ALBORG	DENMARK	43295 C BANGALORE	INDIA
72365 C ALBUQUERQUE/INT., NM.	USA	64656 C BANGASSOU	CENTRAL AFRICAN REP
31004 CT ALDAN	USSR	48455 CT BANGKOK	THAILAND
40007 CT ALEPPO	SYRIAN ARAB REP	64650 CT BANGUI	CENTRAL AFRICAN REP
71082 CT ALERT,N.W.T.	CANADA	96685 C BANJARMASIN/SYAMSUDIN NOOR	INDONESIA
68406 CT ALEXANDER BAY	SOUTH AFRICA	80419 C BARCELONA	VEZUELA
61997 C ALFRED FAURE (ILES CROZET)	FRANCE	08181 C BARCELONA/AEROPUERTO	SPAIN
16520 C ALGHERO	ITALY	87765 C BARILOCHE AERO	ARGENTINA
08359 C ALICANTE	SPAIN	29838 C BARNAUL	USSR
94326 CT ALICE SPRINGS AIRPORT	AUSTRALIA	82571 C BARRA DO CORDA	BRAZIL
64662 C ALINDAO	CENTRAL AFRICAN REP	80091 C BARRANCABERMEJA/YARIGUIES	COLOMBIA
42475 C ALLAHABAD/BAMHRAULI	INDIA	80028 C BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA
72517 C ALLEGTON/A.-BETHLEHEM-,PA. USA	USA	70026 CT BARROW/W. POST W. ROGERS,AK.	USA
36870 CT ALMA-ATA	USSR	70086 CT BARTER ISLAND, AK.	USA
08487 C ALMERIA/AEROPUERTO	SPAIN	98135 C BASCO	PHILIPPINES
44277 C ALTAI	MONGOLIA	89057 C BASE ARTURO PRAT	CHILE
51076 C ALTAY	CHINA	89059 C BASE BERNARDO O'HIGGINS	CHILE
40270 C AMMAN AIRPORT	JORDAN	91557 CT BAUERFIELD (EFATE)	VANUATU
97240 C AMPENAN/SELAPARANG	INDONESIA	68728 C BEAUFORT WEST	SOUTH AFRICA
42071 C AMRITSAR	INDIA	60571 CT BECHAR	ALGERIA
25563 CT ANADYR'	USSR	72412 C BECKLEY(RALEIGH CTY. M.),VA.	USA
70273 CT ANCHORAGE/INT., AK.	USA	54511 CT BEIJING	CHINA
91568 C ANEITYUM	VANUATU	67297 C BEIRA	MOZAMBIQUE
04360 CT ANGMAGSSALIK	DENMARK	60402 C BEJAIA	ALGERIA
17130 CT ANKARA/CENTRAL	TURKEY	82191 C BELEM	BRAZIL
60360 C ANNABA	ALGERIA	82193 T BELEM (AEROPORTO)	BRAZIL
70398 C ANNETTE ISLAND, AK.	USA	03917 C BELFAST/ALDERGROVE AIRPORT	U KINGDOM
84542 C ANTA (HUARAZ)	PERU	43198 C BELGAUM/SAMBRA	INDIA
17300 C ANTALYA	TURKEY	78583 C BELIZE/INT. AIRPORT	BELIZE
67083 C ANTANANARIVO/IVATO	MADAGASCAR	03976 C BELMULLET	IRELAND
85442 C ANTOFAGASTA	CHILE	83587 C BELO HORIZONTE	BRAZIL
40718 C ANZALI	IRAN, ISLAMIC REP	40180 C BEN-GURION INT. AIRPORT	ISRAEL
98232 C APARRI	PHILIPPINES	60602 C BENI ABES	ALGERIA
80084 C APARTADO	COLOMBIA	60518 C BENI-SAF	ALGERIA
91762 C APIA	SAMOA	62053 C BENINA	LIBYAN ARAB JAMAHIRI
83096 C ARACAJU	BRAZIL	82410 C BENJAMIN CONSTANT	BRAZIL
48462 C ARANYAPRATHET	THAILAND	13274 C BEOGRAD	YUGOSLAVIA
40357 C ARAR	SAUDI ARABIA	13275 T BEOGRAD/ZELENO BRDO	YUGOSLAVIA

# STATION LIST RECENT DATA

64600	C	BERBERATI	CENTRAL AFRICAN REP	17116	C	BURSA	TURKEY
10384	CT	BERLIN-TEMPELHOF	GERMANY, FED REP	40858	C	BUSHEHR	IRAN, ISLAMIC REP
78016	T	BERMUDA NAVAL AS KINDELY	USA	16560	CT	CAGLIARI/ELMAS	ITALY
40179	T	BET DAGAN	ISRAEL	94287	C	CAIRNS AIRPORT	AUSTRALIA
70219	CT	BETHEL/BETHEL AIRPORT, AK.	USA	62366	C	CAIRO	EGYPT
68461	C	BETHLEHEM AIRPORT	SOUTH AFRICA	84472	C	CAJAMARCA	PERU
42971	CT	BHUBANESWAR	INDIA	42807	C	CALCUTTA/ALIPORE	INDIA
12295	C	BIALYSTOK	POLAND	42809	T	CALCUTTA/DUM DUM	INDIA
71848	CT	BIG TROUT LAKE,ONT.	CANADA	80259	C	CALI/PALMASECA	COLOMBIA
42165	C	BIKANER	INDIA	71925	CT	CAMBRIDGE BAY,N.W.T.	CANADA
72677	C	BILLINGS/LOGAN INT., MT.	USA	85315	C	CAMIPI	BOLIVIA
61017	C	BILMA	NIGER	93944	CT	CAMPBELL ISLAND	N ZEALAND
72515	C	BINGHAMTON/BROOME CO., NY.	USA	83611	C	CAMPO GRANDE	BRAZIL
96441	T	BINTULU	MALAYSIA	17112	C	CANAKKALE	TURKEY
61401	C	BIR MOGHREIN	MAURITANIA	84226	C	CANAR	ECUADOR
64658	C	BIRAO	CENTRAL AFRICAN REP	94926	C	CANBERRA AIRPORT	AUSTRALIA
03534	C	BIRMINGHAM/AIRPORT	U KINGDOM	72304	C	CAPE HATTERAS, NC.	USA
61075	C	BIRNI-N'KONNI	NIGER	68816	CT	CAPE TOWN (D.F. MALAN)	SOUTH AFRICA
41084	C	BISHA	SAUDI ARABIA	80416	C	CARACAS/LA CARLOTA	VENEZUELA
60525	C	BISKRA	ALGERIA	83498	C	CARAVELAS	BRAZIL
72764	CT	BISMARCK/MUN., ND.	USA	03715	C	CARDIFF-WALES AIRPORT	U KINGDOM
15085	C	BISTRITA	ROMANIA	38687	C	CARDZOU	USSR
01028	CT	BJORNOYA	NORWAY	72712	C	CARIBOU/MUN., ME.	USA
31510	CT	BLAGOVESCENSK	USSR	94300	CT	CARNARVON AIRPORT	AUSTRALIA
68442	CT	BLOEMFONTEIN (J.B.M. HERTZOG)	SOUTH AFRICA	82765	C	CAROLINA	BRAZIL
74492	C	BLUE HILL OBSER. WB., MA.	USA	80022	C	CARTAGENA/CRESPO	COLOMBIA
61881	C	BO	SIERRA LEONE	78325	C	CASA BLANCA, HABANA	CUBA
82024	C	BOA VISTA	BRAZIL	60155	CT	CASABLANCA	MOROCCO
65510	C	BOBO-DIOULASSO	BURKINA FASO	72569	C	CASPER/NATRONA COUNTY I., WY.	USA
01152	T	BODO	NORWAY	87222	C	CATAMARCA AERO.	ARGENTINA
01152	C	BODO VI	NORWAY	16460	C	CATANIA/FONTANAROSSA	ITALY
30554	C	BOGDARIN	USSR	87763	C	CATEDRAL 2000	ARGENTINA
80222	CT	BOGOTA/ELDORADO	COLOMBIA	81405	CT	CAYENNE/ROCHAMBEAU	FRENCH GUIANA
41883	C	BOGRA	BANGLADESH	94653	C	CEDUNA AIRPORT	AUSTRALIA
29282	C	BOGUCANY	USSR	89056	C	CENTRO MET. ANTARTICO "PDTE.	CHILE
65338	C	BOHICON	BENIN	89055	C	CENTRO MET. ANTARTICO "VICEC."	ARGENTINA
72681	C	BOISE/MUN., ID.	USA	87257	C	CERES	ARGENTINA
83288	C	BOM JESUS DA LAPA	BRAZIL	84444	C	CHACHAPOYAS	PERU
43057	C	BOMBAY/COLABA	INDIA	87320	C	CHAMICAL AERO	ARGENTINA
43003	T	BOMBAY/SANTACRUZ	INDIA	48480	C	CHANTHABURI	THAILAND
31253	C	BONNAK	USSR	72414	C	CHARLESTON/KANAWHA, WV.	USA
23884	C	BOR	USSR	72208	C	CHARLESTON/MUN., SC.	USA
91930	C	BORA-BORA	FRENCH POLY.	94510	CT	CHARLEVILLE AIRPORT	AUSTRALIA
07510	CT	BORDEAUX/MERIGNAC	FRANCE	99030	CT	CHARLIE	OCEAN WEATHER STATIO
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	72314	C	CHARLOTTE/DOUGLAS, NC.	USA
65516	C	BOROMO	BURKINA FASO	93986	CT	CHATHAM ISLAND	N ZEALAND
64610	C	BOSSANGOA	CENTRAL AFRICAN REP	71717	C	CHATHAM, N.B.	CANADA
64605	C	BOSSEMBELE	CENTRAL AFRICAN REP	72324	C	CHATTANOOGA/LOVELL FIELD, TN.	USA
72509	C	BOSTON/LOGAN INT., MA.	USA	11406	C	CHEB	CZECHOSLOVAKIA
60515	C	BOU-SAADA	ALGERIA	56294	C	CHENGDU	CHINA
64601	C	BOUAR	CENTRAL AFRICAN REP	87322	C	CHEPES	ARGENTINA
61296	C	BOUGOUNI	MALI	07024	C	CHERBOURG	FRANCE
07255	C	BOURGES	FRANCE	42515	C	CHERRAPUNJI	INDIA
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	76750	C	CHETUMAL, Q. ROO	MEXICO
61461	C	BOUTILIMIT	MAURITANIA	72564	C	CHEYENNE, WY.	USA
83377	C	BRASILIA	BRAZIL	41768	C	CHHOR	PAKISTAN
83378	T	BRASILIA (AEROPORTO)	BRAZIL	48327	T	CHIANG MAI	THAILAND
30309	C	BRATSK	USSR	72530	C	CHICAGO/O'HARE, IL.	USA
64450	C	BRAZZAVILLE/MAYA-MAYA	CONGO	47971	CT	CHICHIJIMA	JAPAN
07110	CT	BREST/GUIPAVAS	FRANCE	84452	C	CHICLAYO	PERU
64655	C	BRIA	CENTRAL AFRICAN REP	84531	C	CHIMBOTE	PERU
16320	CT	BRINDISI	ITALY	41978	C	CHITTAGONG (PATENGA)	BANGLADESH
94578	CT	BRISBANE AIRPORT	AUSTRALIA	60425	C	CHLEF	ALGERIA
11723	C	BRNO/TURANY	CZECHOSLOVAKIA	44259	C	CHOIBALSAN	MONGOLIA
94203	CT	BROOME AIRPORT	AUSTRALIA	47648	C	CHOSHI	JAPAN
72250	CT	BROWNSVILLE/INT., TX.	USA	93780	CT	CHRISTCHURCH AIRPORT	N ZEALAND
80094	C	BUCARAMANGA/PALONEGRES	COLOMBIA	48517	C	CHUMPHON	THAILAND
15420	T	BUCURESTI/IMH	ROMANIA	47014	C	CHUNGGANG	DPR KOREA
12843	CT	BUDAPEST/LORINC	HUNGARY	71913	CT	CHURCHILL, MAN.	CANADA
12840	C	BUDAPEST/METEOROLOGIA	HUNGARY	38262	C	CIMBAJ	USSR
87585	C	BUENOS AIRES (OBS. CENTRAL)	ARGENTINA	72421	C	CINCINNATI/GREATER CIN., OH.	USA
72528	C	BUFFALO/GREATER BUFFALO, NY.	USA	30758	CT	CITA	USSR
67964	CT	BULAWAYO (GOETZ OBSY.)	ZIMBABWE	80444	C	CIUDAD BOLIVAR	VENEZUELA
44239	C	BULGAN	MONGOLIA	15120	CT	CLUJ-NAPOCA	ROMANIA
15655	C	BURGAS	BULGARIA	71090	C	CLYDE, N.W.T.	CANADA
72617	C	BURLINGTON/INT., VT.	USA	82425	C	COARI	BRAZIL

# STATION LIST RECENT DATA

76741	C	COATZACOALCOS, VER.	MEXICO	60670	C	DJANET	ALGERIA
94711	CT	COBAR	AUSTRALIA	60535	C	DJELFA	ALGERIA
85041	C	COBIJA	BOLIVIA	72451	C	DODGE CITY/MUN., KS.	USA
85223	C	COCHABAMBA	BOLIVIA	63862	C	DODOMA	U REP TANZANIA
43353	T	COCHIN/WILLINGDON	INDIA	41170	C	DOHA INTERNATIONAL AIRPORT	QATAR
96996	CT	COCOS ISLAND AIRPORT	ISLANDS	62650	C	DONGOLA	SUDAN
94791	C	COFFS HARBOUR AIRPORT	AUSTRALIA	65501	C	DORI	BURKINA FASO
21946	C	COKURDAH	USSR	09488	C	DRESDEN-KLOTZSCHE	GERMAN DEM REP
70316	CT	COLD BAY, AK.	USA	03969	C	DUBLIN AIRPORT	IRELAND
43466	C	COLOMBO	SRI LANKA	52836	C	DULAN	CHINA
86560	C	COLONIA	URUGUAY	72745	C	DULUTH/INT., MN.	USA
76458	C	COLONIA JUAN CARRASCO MAZ.	MEXICO	42599	C	DUMKA	INDIA
72310	C	COLUMBIA, SC.	USA	68588	CT	DURBAN (LOUIS BOTHA)	SOUTH AFRICA
72445	C	COLUMBIA/REGIONAL, MO.	USA	42731	C	DWARKA	INDIA
72428	C	COLUMBUS/PORT COLUMBUS, OH.	USA	67005	C	DZAOUDZI/PAMANZI (MAYOTTE)	FRANCE
87748	T	COMANDANTE ESPORA B.A.	ARGENTINA	24143	C	DZARDZAN	USSR
87860	CT	COMODORO RIVADAVIA AERO	ARGENTINA	68858	C	EAST LONDON	SOUTH AFRICA
82861	C	CONCEICAO DO ARAGUAIA	BRAZIL	94907	C	EAST SALE AERODROME	AUSTRALIA
85196	C	CONCEPCION	BOLIVIA	62750	C	ED DUEIM	SUDAN
86134	C	CONCEPCION	PARAGUAY	03160	C	EDINBURGH AIRPORT	U KINGDOM
72605	C	CONCORD/MUN., NH.	USA	17050	C	EDIRNE	TURKEY
87395	C	CONCORDIA AERO	ARGENTINA	71119	T	EDMONTON (STONY PLAIN), ALTA CANADA	CANADA
72458	C	CONCORDIA/BLOSSER MUN., KS.	USA	71879	C	EDMONTON MUNICIPAL ALTA.	CANADA
15480	T	CONSTANTA	ROMANIA	04220	CT	EGEDESMINDE	DENMARK
60419	C	CONSTANTINE'	ALGERIA	40199	C	EILAT	ISRAEL
71938	C	COPPERMINE,N.W.T.	CANADA	62760	C	EL FASHER	SUDAN
71915	CT	CORAL HARBOUR,N.W.T.	CANADA	60590	C	EL GOLEA	ALGERIA
87344	CT	CORDOBA AERO	ARGENTINA	60540	C	EL KHEITER	ALGERIA
03955	C	CORK AIRPORT	IRELAND	62771	C	EL OBEID	SUDAN
72251	C	CORPUS CHRISTI/INT., TX.	USA	60559	C	EL OUED	ALGERIA
87166	C	CORRIENTES AERO.	ARGENTINA	72270	C	EL PASO/INT., TX.	USA
83552	C	CORUMBA	BRAZIL	86585	C	EL PRADO	URUGUAY
65344	C	COTONOU	BENIN	84179	C	EL PUYO	ECUADOR
41992	C	COX'S BAZAR	BANGLADESH	60367	C	EL-KALA	ALGERIA
03774	T	CRAWLEY	U KINGDOM	60550	CT	ELBAYADH	ALGERIA
82704	C	CRUZEIRO DO SUL	BRAZIL	12160	C	ELBLAG	POLAND
80097	C	CUCUTA/CAMILO DAZA	COLOMBIA	63686	C	ELDORET	KENYA
83361	C	CUIABA	BRAZIL	72486	C	ELY/YELLAND, NV.	USA
83842	C	CURITIBA	BRAZIL	10203	C	EMDEN-HAFEN	GERMANY, FED REP
83840	T	CURITIBA (AEROPORTO)	BRAZIL	86297	C	ENCARNACION	PARAGUAY
84686	C	CUZCO	PERU	29263	C	ENISEJSK	USSR
43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	24817	C	ERBOGACEN	USSR
98325	C	DAGUPAN	PHILIPPINES	53068	C	ERENHOT	CHINA
61641	CT	DAKAR/YOFF	SENEGAL	09554	C	ERFURT-BINDERSLEBEN	GERMAN DEM REP
62432	C	DAKHLA	EGYPT	17092	C	ERZINCAN	TURKEY
41712	C	DAL BANDIN	PAKISTAN	40800	C	ESFAHAN	IRAN, ISLAMIC REP
44373	C	DALANZADGAD	MONGOLIA	03162	C	ESKDALEMUIR	U KINGDOM
72259	C	DALLAS-FORT WORTH/FORT., TX.	USA	94638	CT	ESPERANCE	AUSTRALIA
42587	C	DALTONGANJ	INDIA	88963	C	ESPERANZA B.E.	ARGENTINA
40080	CT	DAMASCUS NEW INT. AIRPORT	SYRIAN ARAB REP	87803	C	ESQUEL AERO	ARGENTINA
62805	C	DAMAZINE	SUDAN	24105	C	ESSEJ	USSR
04320	CT	DANMARKSHAVN	DENMARK	10410	CT	ESSEN	GERMANY, FED REP
65351	C	DAPAON	TOGO	72594	C	EUREKA, CA.	USA
63894	C	DAR ES SALAAM AIRPORT	U REP TANZANIA	71917	CT	EUREKA,N.W.T.	CANADA
60390	CT	DAR-EL-BEIDA	ALGERIA	72432	C	EVANSVILLE/REG., IN.	USA
42391	C	DARBHANGA	INDIA	87576	CT	EZEIZA AERO	ARGENTINA
61891	C	DARU	SIERRA LEONE	65507	C	FADA N'GOURMA	BURKINA FASO
94120	CT	DARWIN AIRPORT	AUSTRALIA	70261	C	FAIRBANKS/INT., AK.	USA
72429	C	DAYTON/JAMES M. COX DAY.,OH.	USA	16191	C	FALCONARA	ITALY
06260	CT	DE BILT	NETHERLANDS	72753	C	FARGO/HECTOR FIELD, ND.	USA
12882	C	DEBRECEN	HUNGARY	82400	T	FERNANDO DE NORONHA	BRAZIL
40045	C	DEIR EZZOR	SYRIAN ARAB REP	09578	C	FICHTELBERG	GERMAN DEM REP
97230	C	DENPASAR/NGURAH-RAI	INDONESIA	72637	C	FLINT/BISHOP, MI.	USA
72469	C	DENVER/StAPLETON INT., CO.	USA	82678	C	FLORIANO	BRAZIL
41624	C	DERA ISMAIL KHAN	PAKISTAN	83897	C	FLORIANOPOLIS	BRAZIL
72546	C	DES MOINES/MUN., IA.	USA	87162	C	FORMOSA AERO	ARGENTINA
72537	C	DETROIT/METROPOLITAN, MI.	USA	94646	CT	FORREST AIRPORT	AUSTRALIA
40416	CT	DHAHRAN	SAUDI ARABIA	71945	CT	FORT NELSON,B.C.	CANADA
41923	C	DHAKA	BANGLADESH	38001	C	FORT SEVCENKO	USSR
42314	C	DIBRUGARH/MOHANBARI	INDIA	71934	CT	FORT SMITH,N.W.T.	CANADA
61967	T	DIEGO GARCIA	USA	72344	C	FORT SMITH/MUN., AR.	USA
67009	C	DIEGO-SUAREZ	MADAGASCAR	72533	C	FORT WAYNE/MUN.,BAER FL.,IN.	USA
07280	C	DIJON	FRANCE	82397	C	FORTALEZA	BRAZIL
61666	C	DIOURBEL	SENEGAL	72389	C	FRESNO/AIR TERM.,CA.	USA
63471	C	DIRE DAWA	ETHIOPIA	71909	CT	FROBISHER BAY,N.W.T.	CANADA
17280	CT	DIYARBAKIR	TURKEY	47807	CT	FUKUOKA	JAPAN

# STATION LIST RECENT DATA

91643	CT	FUNAFUTI	N ZEALAND	52203	C	HAMI	CHINA
08522	CT	FUNCHAL	MADEIRA	10338	CT	HANNOVER	GERMANY, FED REP
83746	T	GALÉAO	BRAZIL	23933	CT	HANTY-MANSIJSK	USSR
72242	C	GALVESTON, TX.	USA	91944	CT	HAO	FRENCH POLY.
64454	C	GAMBOMA	CONGO	02196	C	HAPARANDA	SWEDEN
71803	C	GANDER INT.AIRPORT, NFLD.	CANADA	34300	CT	HAR'KOV	USSR
57993	C	GANZHOU	CHINA	67775	C	HARARE (KUTSAGA OBSY.)	ZIMBABWE
61226	C	GAO	MALI	02361	C	HARNOSAND	SWEDEN
65522	C	GAOUA	BURKINA FASO	72508	C	HARTFORD/BRADLEY INT., CT	USA
63723	C	GARISSA	KENYA	60581	C	HASSI-MESSAOUD	ALGERIA
64860	C	GAROUA	REP CAMEROON	20891	CT	HATANGA	USSR
40405	C	GASSIM	SAUDI ARABIA	78988	CT	HATO AIRPORT,CURACAO	CURACAO BONAIRE
42410	CT	GAUHATI	INDIA	72772	C	HELENA/COUNTY-CITY, MT.	USA
80241	C	GAVIOTAS	COLOMBIA	02974	C	HELSINKI-VANTAA	FINLAND
61099	C	GAYA	NIGER	62378	CT	HELWAN	EGYPT
62752	C	GEDAREF	SUDAN	16754	CT	HERAKLION	GREECE
10628	C	GEISENHEIM	GERMANY, FED REP	91945	C	HEREHERETUE	FRENCH POLY.
87619	C	GENERAL ACHA	ARGENTINA	91753	C	HIHIFO (ILE WALLIS)	N CALEDONIA
89034	C	GENERAL BELGRANO II B.E.	ARGENTINA	91285	CT	HILO/GEN. LYMAN, HAWAII,	USA
87532	C	GENERAL PICO AERO	ARGENTINA	47765	C	HIROSHIMA	JAPAN
89066	C	GENERAL SAN MARTIN B.E.	ARGENTINA	04082	C	HJARDARNES	ICELAND
06700	C	GENEVE-COINTRIN	SWITZ. LIECH.	94975	CT	HOBART AIRPORT	AUSTRALIA
89002	CT	GEORG VON NEUMAYER	GERMANY, F.R.	93614	C	HOKITIKA AERODROME	N ZEALAND
68828	C	GEORGE AIRPORT	SOUTH AFRICA	61240	C	HOMBORI	MALI
81001	C	GEORGETOWN	GUYANA	91517	T	HONIARA	SOLOMON ISLANDS
94403	C	GERALDTON AIRPORT	AUSTRALIA	91520	C	HONIARA/HENDERSON	SOLOMON ISLANDS
60566	C	GHARDAIA	ALGERIA	91182	C	HONOLULU, OAHU, HAWAII	USA
08495	CT	GIBRALTAR	GIBRALTAR	08506	C	HORTA (ACORES)	PORTUGAL
94461	C	GILES	AUSTRALIA	23219	C	HOSEDA-HARD	USSR
93291	C	GISBORNE AERODROME	N ZEALAND	51828	C	HOTAN	CHINA
41140	C	GIZAN	SAUDI ARABIA	72243	C	HOUSTON/INTERCONTINENTAL, TX.	USA
94380	C	GLADSTONE	AUSTRALIA	78806	T	HOWARD AFB	PANAMA
72768	C	GLASGOW/INT., MT.	USA	84564	C	HUANUCO	PERU
20292	CT	GMO IM.E.K. FEDOROVA	USSR	72425	C	HUNTINGTON/TRI-STATE, WV.	USA
43192	CT	GOA/PANJIM	INDIA	72654	C	HURON/HURON REGIONAL, SD.	USA
87880	C	GOBERNADOR GREGORES AERO	ARGENTINA	41765	C	HYDERABAD	PAKISTAN
04250	C	GOTHAB	DENMARK	43128	CT	HYDERABAD AIRPORT	INDIA
09499	C	GOERLITZ	GERMAN DEM REP	47016	C	HYESAN	DPR KOREA
72465	C	GOODLAND/RENNER FIELD/, KS.	USA	15090	C	IASI	ROMANIA
71816	CT	GOOSE,NFLD.	CANADA	80214	C	IBAGUE/PERALES	COLOMBIA
02527	T	GOTEBOORG/LANDVETTER	SWEDEN	32411	C	ICA	USSR
02512	C	GOTEBOORG/SAVE	SWEDEN	83821	C	IGUAPE	BRAZIL
68906	CT	GOUGH ISLAND	SOUTH AFRICA	87097	C	IGUAZU AERO	ARGENTINA
94150	CT	GOVE AIRPORT	AUSTRALIA	61972	C	ILE EUROPA	FRANCE
72476	C	GRAND JUNCTION/WALKER F.,CO.	USA	61970	C	ILE JUAN DE NOVA	FRANCE
72635	C	GRAND RAPIDS/KENT CO., MI.	USA	61968	C	ILES GLORIEUSES	FRANCE
78954	C	GRANTLEY ADAMS	BARBADOS	25248	C	ILIRNEJ	USSR
11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA	98637	C	ILOILO	PHILIPPINES
72775	CT	GREAT FALLS/INT., MT.	USA	31416	C	IM POLINY OSIPENKO	USSR
72645	C	GREEN BAY/A.-STRAUBEL, WI.	USA	64459	C	IMPFONDO	CONGO
72317	C	GREENSBORO/G.-HIGH PT., NC.	USA	60611	C	IN AMENAS	ALGERIA
72312	C	GREENVILLE/GREENVILLE-SP.,SC	USA	60630	CT	IN SALAH	ALGERIA
09184	CT	GREIFSWALD	GERMAN DEM REP	47112	C	INCHON	REP KOREA
76612	C	GUADALAJARA,JAL.	MEXICO	72438	C	INDIANAPOLIS/I.-MUN/WEI.,IN.	USA
87497	C	GUALEGUAYCHU AERO	ARGENTINA	42754	C	INDORE	INDIA
91217	C	GUAM, MARIANA IS.	USA	67323	C	INHAMBALE	MOZAMBIQUE
76577	C	GUANAJUATO,GTO.	MEXICO	11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA
59287	CT	GUANGZHOU	CHINA	72747	CT	INT. FALLS/FALLS INT., MN.	USA
02128	C	GUNNARN	SWEDEN	71907	CT	INUJKUAK, QUE	CANADA
35700	CT	GUR'EV	USSR	71957	C	INUVIK,N.W.T.	CANADA
40360	C	GURIAT	SAUDI ARABIA	93844	CT	INVERCARGILL AERODROME	N ZEALAND
40250	C	H-4 'IRWAISHED'	JORDAN	80370	C	IPIALES/SAN LUIS	COLOMBIA
31735	CT	HABAROVSK	USSR	84377	C	IQUITOS	PERU
47678	C	HACHI JOJIMA	JAPAN	30710	C	IRKUTSK	USSR
47678	T	HACHI JOJIMA/OMURE	JAPAN	47918	CT	ISHIGAKIJIMA	JAPAN
47069	C	HAEJU	DPR KOREA	85469	C	ISLA DE PASCUA	CHILE
40373	C	HAFR AL-BATIN	SAUDI ARABIA	85585	C	ISLA ROBINSON CRUSOE	CHILE
59758	C	HAIKOU	CHINA	88968	C	ISLAS ORCADAS D.N. (OBS.)	ARGENTINA
40394	C	HAIL	SAUDI ARABIA	17240	CT	ISPARTA	TURKEY
50527	CT	HAILAR	CHINA	17062	CT	ISTANBUL/GOZTEPE	TURKEY
71081	CT	HALL BEACH,N.W.T.	CANADA	17220	CT	IZMIR	TURKEY
89022	CT	HALLEY	U KINGDOM	84088	C	IZOBAMBA-SANTA CATALINA	ECUADOR
94212	C	HALLS CREEK AIRPORT	AUSTRALIA	47800	C	IZUHARA	JAPAN
40030	C	HAMA	SYRIAN ARAB REP	87305	C	JACHAL	ARGENTINA
43497	C	HAMBANTOTA	SRI LANKA	72235	C	JACKSON/ALLEN C. THOMP., MS.	USA
10147	C	HAMBURG-FUHLBUETTEL	GERMANY, FED REP	72206	C	JACKSONVILLE/INT., FL.	USA

# STATION LIST RECENT DATA

41715	C	JACOBABAD	PAKISTAN	45004	T	KING'S PARK	HONG KONG
43041	C	JAGDALPUR	INDIA	78397	CT	KINGSTON/NORMAN MANLEY	JAMAICA
24959	CT	JAKUTSK	USSR	30230	CT	KIRENSK	USSR
01001	CT	JAN MAYEN	NORWAY	27196	C	KIROV	USSR
68368	C	JAN SMUTS	SOUTH AFRICA	61270	C	KITA	MALI
41024	CT	JEDDAH(KING ABDUL AZIZ IAP)	SAUDI ARABIA	11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA
40184	C	JERUSALEM	ISRAEL	72326	C	KNOXVILLE/MUN., TN.	USA
41936	C	JESSORE	BANGLADESH	06181	T	KOBENHAVN/JAEGERSBORG	DENMARK
41598	C	JHELUM	PAKISTAN	06186	C	KOBENHAVN/LANDBOHOJSKOLEN	DENMARK
60351	C	JIJEL	ALGERIA	47893	C	KOCHI	JAPAN
63402	C	JIMMA	ETHIOPIA	61698	C	KOLDA	SENEGAL
52533	C	JIUQUAN	CHINA	29231	CT	KOLPASEV	USSR
41756	C	JIWANI	PAKISTAN	10929	C	KONSTANZ	GERMANY, FED REP
42339	CT	JODHPUR	INDIA	25954	CT	KORF	USSR
02963	CT	JOKIOINEN	FINLAND	91408	C	KOROR, PALAU IS.	USA
02550	C	JONKOPING FLYGPLATS	SWEDEN	62772	C	KOSTI	SUDAN
78762	CT	JUAN SANTAMARIA	COSTA RICA	42452	C	KOTA AERODROME	INDIA
84474	C	JUANJUI	PERU	48615	CT	KOTA BHARU	MALAYSIA
62941	C	JUBA	SUDAN	96471	CT	KOTA KINABALU	MALAYSIA
83692	C	JUIZ DE FORA	BRAZIL	70133	CT	KOTZEBUE, RALPH WIEN, AK.	USA
87046	C	JUJUY AERO	ARGENTINA	91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA
78866	C	JULIANA AIRPORT, ST. MAARTEN	ST. MAARTEN, ST. EUS	61293	C	KOUTIALA	MALI
78866	T	JULIANA AIRPORT, ST. MAARTEN	ST. MAARTEN, ST. EUS	43314	C	KOZHIKODE	INDIA
87548	C	JUNIN AERO	ARGENTINA	29574	CT	KRASNOJARSK	USSR
32150	CT	JUZNO-SAHALINSK	USSR	38507	C	KRASNODVDSK	USSR
02935	CT	JYVASKYLA	FINLAND	64971	C	KRIBI	CAMEROON
40948	T	KABUL AIRPORT	AFGHANISTAN	48648	T	KUALA LUMPUR/PETALING JAYA	MALAYSIA
67663	C	KABWE	ZAMBIA	48647	C	KUALA LUMPUR/SUBANG	MALAYSIA
62810	C	KADUGLI	SUDAN	48657	CT	KUANTAN	MALAYSIA
47827	C	KAGOSHIMA	JAPAN	96413	CT	KUCHING	MALAYSIA
47827	T	KAGOSHIMA/YOSHINO	JAPAN	62271	C	KUFRA	LIBYAN ARAB JAMAHIRI
93012	CT	KAITIA	N ZEALAND	56778	CT	KUNMING	CHINA
02897	C	KAJAANI	FINLAND	97372	C	KUPANG/EL TARI	INDONESIA
30469	C	KALAKAN	USSR	28952	CT	KUSTANAJ	USSR
16726	C	KALAMATA	GREECE	71906	CT	KUJJUAQ, QUE.	CANADA
94637	CT	KALGOORLIE AIRPORT	AUSTRALIA	40582	CT	KUWAIT INT. AIRPORT	KUWAIT
25744	C	KAMENSKOE	USSR	91366	C	KWAJALEIN/BUCH. MARSHALL IS.	USA
40001	C	KAMISHLI	SYRIAN ARAB REP	33393	CT	L'VOV	USSR
67586	C	KAMUZU INTL.	MALAWI	08001	C	LA CORUNA	SPAIN
47605	C	KANAZAWA	JAPAN	71823	T	LA GRANDE IV	CANADA
65306	C	KANDI	BENIN	85201	C	LA PAZ/ALTO	BOLIVIA
47105	C	KANGNUNG	REP KOREA	87007	C	LA QUIACA OBSERVATORIO	ARGENTINA
22165	C	KANIN NOS	USSR	87217	C	LA RIOJA AERO.	ARGENTINA
72446	C	KANSAS CITY, INT., MO.	USA	85488	C	LA SERENA	CHILE
61679	C	KAOLACK	SENEGAL	87534	C	LABOULAYE	ARGENTINA
71831	C	KAPUSKASING,ONT.	CANADA	68476	C	LADYSMITH	SOUTH AFRICA
41780	CT	KARACHI AIRPORT	PAKISTAN	60545	C	LAGHOUAT	ALGERIA
35394	CT	KARAGANDA	USSR	87903	C	LAGO ARGENTINO AERO	ARGENTINA
02080	C	KARESUANDO	SWEDEN	41640	C	LAHORE CITY	PAKISTAN
62660	C	KARIMA	SUDAN	08509	T	LAJES (ACORES)	PORTUGAL
02418	C	KARLSTAD FLYGPLATS	SWEDEN	72240	C	LAKE CHARLES/MUN., LA.	USA
67475	C	KASAMA	ZAMBIA	72576	C	LANDER/HUNT, WY.	USA
51709	C	KASHI	CHINA	52889	CT	LANZHOU	CHINA
62730	C	KASSALA	SUDAN	98223	C	LAOAG	PHILIPPINES
10438	C	KASSEL	GERMANY, FED REP	16648	C	LARISSA	GREECE
17074	C	KASTAMONU	TURKEY	87078	C	LAS LOMITAS	ARGENTINA
44454	C	KATHMANDU AIRPORT	NEPAL	72386	C	LAS VEGAS/MCCARRAN, NV.	USA
26629	CT	KAUNAS	USSR	94865	CT	LAVERTON AERODROME	AUSTRALIA
61257	C	KAYES	MALI	78925	C	LE LAMENTIN	MARTINIQUE
27595	CT	KAZAN'	USSR	78897	CT	LE RAIZET, GUADELOUPE	ST. MARTIN, ST. BART
61699	C	KEDOGOU	SENEGAL	94302	C	LEARMONTH AIRPORT	AUSTRALIA
68312	C	KEETMANSHOOP	NAMIBIA	12120	CT	LEBA	POLAND
04018	CT	KEFLAVIK	ICELAND	03257	C	LEEMING	U KINGDOM
16641	C	KERKYRA	GREECE	98444	C	LEGASPI	PHILIPPINES
40841	C	KERMAN	IRAN, ISLAMIC REP	12374	T	LEGIONOWO	POLAND
72201	C	KEY WEST/INT., FL.	USA	09469	C	LEIPZIG-SCHKEUDITZ	GERMAN DEM REP
41114	CT	KHAMIS MUSHAIT	SAUDI ARABIA	26063	CT	LENINGRAD (TOWN/VILLE)	USSR
62721	CT	KHARTOUM	SUDAN	03005	CT	LERWICK	U KINGDOM
61214	C	KIDAL	MALI	71874	C	LETHBRIDGE, ALTA.	CANADA
33345	CT	KIEV	USSR	80398	C	LETICIA/VASQUEZ COBO	COLOMBIA
61498	C	KIFFA	MAURITANIA	72422	C	LEXINGTON/BLUE GRASS, KY.	USA
64387	C	KIGALI	RWANDA	55591	CT	LHASA	CHINA
68438	C	KIMBERLEY	SOUTH AFRICA	64500	C	LIBREVILLE	GABON
47025	C	KIMCHAEK	DPR KOREA	67217	C	LICHINGA	MOZAMBIQUE
40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA	91165	CT	LIHUE, KAUAI, HAWAII	USA
70326	C	KING SALMON, AK.	USA	84628	C	LIMA-CALLAO/AEROP. INT.	PERU

# STATION LIST RECENT DATA

07434	C	LIMOGES	FRANCE	41288	C	MASIRAH	OMAN
09393	CT	LINDENBERG	GERMAN DEM REP	61630	C	MATAM	SENEGAL
61627	C	LINGUERE	SENEGAL	47618	C	MATSUMOTO	JAPAN
08535	C	LISBOA	PORTUGAL	70231	C	MCGRATH, AK.	USA
08579	T	LISBOA/GAGO COUTINHO	PORTUGAL	60549	C	MECHERIA	ALGERIA
67743	C	LIVINGSTONE	ZAMBIA	96035	C	MEDAN/POLONIA	INDONESIA
13015	C	LJUBLJANA/BEZIGRAD	YUGOSLAVIA	72597	T	MEDFORD/MDFRD-JCSN CO.,OR.	USA
84270	C	LOJA/LA ARGELIA	ECUADOR	72597	C	MEDFORD/MEDFORD-JACKSON, OR.	USA
15511	C	LOM	BULGARIA	94430	C	MEEKATHARRA AIRPORT	AUSTRALIA
65387	C	LOME	TOGO	09548	CT	MEININGEN	GERMAN DEM REP
03776	C	LONDON/GATWICK AIRPORT	U KINGDOM	60150	C	MEKNES	MOROCCO
83766	C	LONDrina	BRAZIL	86440	C	MELO	URUGUAY
94346	C	LONGREACH AIRPORT	AUSTRALIA	97014	T	MENADO/DR. SAM RATULANGI	INDONESIA
72247	T	LONGVIEW, TX.	USA	61250	C	MENAKA	MALI
94995	CT	LORD HOWE ISLAND	AUSTRALIA	87418	CT	MENDOZA AERO	ARGENTINA
78652	C	LOS ANDES	EL SALVADOR	56985	C	MENGZI	CHINA
72295	C	LOS ANGELES/INT. CA.	USA	08314	C	MENORCA/MAHON	SPAIN
72423	C	LOUISVILLE/STANDIFORD, KY.	USA	86490	C	MERCEDES	URUGUAY
72267	C	LUBBOCK/LUBBOCK INT., TX.	USA	80438	C	MERIDA	VENEZUELA
42369	T	LUCKNOW/AMAUSI	INDIA	72234	C	MERIDIAN/KEY, MS.	USA
06770	C	LUGANO	SWITZ. LIECH.	62306	C	MERSA MATRUH	EGYPT
61856	C	LUNGI	SIERRA LEONE	16420	C	MESSINA	ITALY
16597	C	LUQA	MALTA	72202	C	MIAMI, FL.	USA
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	72265	C	MIDLAND/MIDLAND REG., TX.	USA
07480	C	LYON/BRON	FRANCE	91066	T	MIDWAY ISLAND	USA
07481	T	LYON/SATOLAS	FRANCE	84202	C	MILAGRO	ECUADOR
60467	C	M'SILA	ALGERIA	94693	C	MILDURA AIRPORT	AUSTRALIA
40310	C	MA'AN	JORDAN	60430	C	MILIANA	ALGERIA
45011	C	MACAO	MACAU	72640	C	MILWAUKEE/GEN. MITCHELL, WI.	USA
43185	C	MACHILIPATNAM (FRANCHPET)	INDIA	47945	CT	MINAMIDAITOJIMA	JAPAN
94367	C	MACKAY	AUSTRALIA	47991	CT	MINAMITORISHIMA	JAPAN
72217	C	MACON/LEWIS B. WILSON, GA.	USA	43369	CT	MINICOY	INDIA
94998	CT	MACQUARIE ISLAND	AUSTRALIA	72658	C	MINNEAPOLIS/ST.PAUL INT., MN.	USA
98646	C	MACTAN	PHILIPPINES.	26850	CT	MINSK	USSR
94014	C	MADANG M.O.	PAPUA N GUINEA	29866	C	MINUSINSK	USSR
40430	C	MADINAH	SAUDI ARABIA	12772	C	MISKOLC	HUNGARY
72641	C	MADISON/DANE COUNTY REG., WI.	USA	72773	C	MISSOURA/JOHNSON-BELL F., MT.	USA
43279	CT	MADRAS/MINAMBAKKAM	INDIA	47585	C	MIYAKO	JAPAN
08222	C	MADRID	SPAIN	47927	C	MIYAKOJIMA	JAPAN
47624	C	MAEBASHI	JAPAN	47830	C	MIYAZAKI	JAPAN
61091	C	MAGARIA	NIGER	72223	C	MOBILE/BATES FIELD, AL.	USA
85114	C	MAGDALENA	BOLIVIA	63260	C	MOGADISCIO	SOMALIA
61096	C	MAINE-SOROA	NIGER	30673	C	MOGOKA	USSR
91376	C	MAJURO/MARSHALL IS. INT.	USA	47165	C	MOKP'O	REP KOREA
64403	C	MAKABANA	CONGO	72544	C	MOLINE/QUAD CITY, IL.	USA
41030	C	MAKKAH	SAUDI ARABIA	94044	C	MOMOTE M.O.	PAPUA N GUINEA
48665	C	MALACCA	MALAYSIA	72349	T	MONETT, MO.	USA
87506	C	MALARQUE AERO	ARGENTINA	67633	C	MONGU	ZAMBIA
03980	C	MALIN HEAD	IRELAND	78388	C	MONTEGO BAY/SANGSTER	JAMAICA
63799	C	MALINDI	KENYA	76393	C	MONTERREY,N.L.	MEXICO
78741	C	MANAGUA A.C.SANDINO	NICARAGUA	83437	C	MONTES CLAROS	BRAZIL
82331	C	MANAUS	BRAZIL	72226	C	MONTGOMERY/DANNELLY, AL.	USA
03334	C	MANCHESTER AIRPORT	U KINGDOM	71627	C	MONTRAL INT.AIRPORT, QUE	CANADA
44341	C	MANDALGOVI	MONGOLIA	71836	CT	MOONSEE,ONT.	CANADA
65352	C	MANGO	TOGO	61265	C	MOPTI	MALI
98429	C	MANILA INT. AIRPORT	PHILIPPINES	94527	CT	MOREE	AUSTRALIA
71722	CT	MANIWAKI,QUE.	CANADA	76665	C	MORELIA,MICH.	MEXICO
43413	C	MANNAR	SRI LANKA	27612	CT	MOSKVA	USSR
97530	C	MANOKWARI/RENDANI	INDONESIA	60457	C	MOSTAGANEM	ALGERIA
76654	C	MANZANILLO,COL.	MEXICO	71072	CT	MOULD BAY A, N.W.T.	CANADA
67341	C	MAPUTO/MAVALANE	MOZAMBIQUE	63619	C	MOYALE	KENYA
87774	C	MAQUINCHO	ARGENTINA	84435	C	MOYOBAMBA	PERU
87692	C	MAR DEL PLATA AERO	ARGENTINA	94821	CT	MT GAMBIER AIRPORT	AUSTRALIA
80407	C	MARACAIBO-LA CHINITA	VENEZUELA	94332	CT	MT ISA AIRPORT	AUSTRALIA
80413	CT	MARACAY - B.A. SUCRE	VENEZUELA	63971	C	MTWARA	U REP TANZANIA
61080	C	MARADI	NIGER	10868	T	MUENCHEN- OBERSCHLEISSHEIM	GERMANY, FED REP
87467	C	MARCOS JUAREZ AERO	ARGENTINA	10866	C	MUENCHEN-RIEM	GERMANY, FED REP
16325	C	MARINA DI GINOSA	ITALY	17292	C	MUGLA	TURKEY
68994	CT	MARION ISLAND	SOUTH AFRICA	42147	C	MUKTESWAR KUMAON	INDIA
86068	C	MARISCAL ESTIGARRIBIA	PARAGUAY	41675	CT	MULTAN	PAKISTAN
72743	C	MARQUETTE, MI.	USA	44231	C	MUREN	MONGOLIA
60230	C	MARRAKECH	MOROCCO	22113	CT	MURMANSK	USSR
07650	C	MARSEILLE/MARIGNANE	FRANCE	72636	C	MUSKEGON/COUNTY, MI.	USA
61996	CT	MARTIN DE VIVIES(KILE AMST.)	FRANCE	63756	C	MWANZA	U REP TANZANIA
60507	C	MASCARA GRISS	ALGERIA	23146	CT	MYS KAMENNYJ	USSR
40745	C	MASHHAD	IRAN, ISLAMIC REP	25173	CT	MYS SMIDTA	USSR

# STATION LIST RECENT DATA

25399	C	MYS UELEN	USSR	01241	C	ORLAND III	NORWAY
64654	C	N'DELE	CENTRAL AFRICAN REP	72205	C	ORLANDO/JETPORT/ FL.	USA
61049	C	N'GUIGMI	NIGER	85242	C	ORURO	BOLIVIA
72340	C	N. LITTLE ROCK/MUN.APRT., AR.	USA	47772	C	OSAKA	JAPAN
47817	C	NAGASAKI	JAPAN	01384	CT	OSLO/GARDERMOEN	NORWAY
47636	C	NAGOYA	JAPAN	02226	C	OSTERSUND/FROSON	SWEDEN
42867	CT	NAGPUR SONEGAON	INDIA	11782	C	OSTRAVA/MOSNOV	CZECHOSLOVAKIA
47936	C	NAHA	JAPAN	21965	CT	OSTROV CETYREH-STOLBOVOJ	USSR
47936	T	NAHA/KAGAMIZU	JAPAN	20674	CT	OSTROV DIKSON	USSR
63741	T	NAIROBI/DAGORETTI	KENYA	21432	CT	OSTROV KOTEL'NYJ	USSR
63740	C	NAIROBI/KENYATTA AIRPORT	KENYA	20069	C	OSTROV VIZE	USSR
41128	C	NAJRAN	SAUDI ARABIA	65503	C	OUAGADOUGOU	BURKINA FASO
48431	C	NAKHON RATCHASIMA	THAILAND	65502	C	OUAHIGOUYA	BURKINA FASO
48400	C	NAKHON SAWAN	THAILAND	60265	C	OUARZAZATE	MOROCCO
67237	C	NAMPULA	MOZAMBIQUE	64458	C	OUESO	CONGO
58606	C	NANCHANG	CHINA	96163	C	PADANG/TABING	INDONESIA
07180	CT	NANCY/ESSEY	FRANCE	91765	C	PAGO PAGO/INT. AIRP.	USA
91680	CT	NANDI	FJIJI	91765	T	PAGO PAGO/INT.ARPT., AM. SAMOA	USA
59431	C	NANNING	CHINA	08306	C	PALMA DE MALLORCA/SON SAN J.	SPAIN
07222	C	NANTES	FRANCE	40061	C	PALMYRA	SYRIAN ARAB REP
16289	C	NAPOLI/CAPODICHINO	ITALY	43363	C	PAMBAN	INDIA
23205	CT	NAR'JAN-MAR	USSR	43285	T	PANAMBUR	INDIA
61233	C	NARA	MALI	41739	C	PANJGUR	PAKISTAN
04270	T	NARSSARSSUAQ	DENMARK	41560	C	PARACHINAR	PAKISTAN
72327	CT	NASHVILLE/OLD HICKORY, TN.	USA	65330	C	PARAKOU	BENIN
78073	CT	NASSAU AIRPORT	BAHAMAS	87374	C	PARANA AERO	ARGENTINA
82599	T	NATAL	BRAZIL	07150	C	PANIS/LE BOURGET	FRANCE
65319	C	NATITINGOU	BENIN	86135	C	PASO BARRETO	PARAGUAY
91683	C	NAUSORI	FIJI	87814	C	PASO DE INDIOS	ARGENTINA
47909	C	NAZE	JAPAN	87289	C	PASO DE LOS LIBRES AERO	ARGENTINA
47909	T	NAZE/FUNCHATOGE	JAPAN	86460	C	PASO DE LOS TOROS	URUGUAY
80315	C	NEIVA/LA MANGUITA	COLOMBIA	80342	C	PASTO/ANTONIO NARINO	COLOMBIA
61497	C	NEMA	MAURITANIA	06610	T	PAYERNE	SWITZ. LIECH.
47420	CT	NEMURO	JAPAN	12942	C	PECS	HUNGARY
87715	CT	NEUQUEN AERO	ARGENTINA	86097	C	PEDRO JUAN CABALLERO	PARAGUAY
42182	CT	NEW DELHI/SAFDARJUNG	INDIA	87544	C	PEHUATO AERO	ARGENTINA
72231	C	NEW ORLEANS, LA	USA	91554	C	PEKOJA AIRPORT/ESPIRITU-SANTO	VAINUATU
93308	C	NEW PLYMOUTH AERODROME	N ZEALAND	67215	C	PEMBA	MOZAMBIQUE
72503	C	NEW YORK/LA GUARDIA, NY.	USA	48601	CT	PENANG/BAYAN LEPAS	MALAYSIA
61052	CT	NIAMEY-AERO	NIGER	72688	C	PENDLETON, OR.	USA
07690	C	NICE	FRANCE	72532	C	PEORIA/GREATER PEORIA, IL.	USA
47604	C	NIIGATA	JAPAN	80210	C	PEREIRA/MATECANA	COLOMBIA
32618	C	NIKOL'SKOE (OSTROV BERINGA)	USSR	28225	C	PERM	USSR
31369	C	NIKOLAEVSK-NA-AMURE	USSR	07747	C	PERPIGNAN	FRANCE
07645	CT	NIMES/COURBESSAC	FRANCE	94610	CT	PERTH AIRPORT	AUSTRALIA
61230	C	NIORO DU SAHEL	MALI	16230	C	PESCARA	ITALY
23724	C	NJAKSIMVOL'	USSR	41530	CT	PESHAWAR	PAKISTAN
61878	C	NJALA	SIERRA LEONE	82983	C	PETROLINA	BRAZIL
70200	CT	NOME, AK.	USA	32540	CT	PETROPAVLOVSK-KAMCATSKIJ	USSR
94996	CT	NORFOLK ISLAND AIRPORT	AUSTRALIA	72408	C	PHILADELPHIA/INT., PA.	USA
72308	C	NORFOLK/INT., VA.	USA	48378	C	PHITSANULOK	THAILAND
72556	C	NORFOLK/KARL STEFAN, NE.	USA	72278	C	PHOENIX/SKY HARBOR INT., AZ.	USA
71043	CT	NORMAN WELLS, N.W.T.	CANADA	78970	C	PIARCO INT. AIRPORT,TRINIDAD	TRINIDAD TOBAGO
71731	C	NORTH BAY,ONT.	CANADA	78970	T	PIARCO INT. AIRPORT,TRINIDAD	TRINIDAD TOBAGO
72562	CT	NORTH PLATTE/LEE BIRD, NE.	USA	84140	C	PICHILINGUE	ECUADOR
61415	T	NOUADHIBOU	MAURITANIA	68174	CT	PIETERSBURG	SOUTH AFRICA
61442	C	NOUAKCHOTT	MAURITANIA	87679	C	PIGUE AERO	ARGENTINA
91592	CT	NOUMEA (INLE-CALEDONIE)	N CALEDONIA	86255	C	PILAR	PARAGUAY
10763	C	NUERNBERG	GERMANY, FED REP	87349	C	PILAR OBSERVATORIO	ARGENTINA
84132	C	NUEVO ROCAFUERTE	ECUADOR	16158	C	PISA/S. GIUSTO	ITALY
76775	C	OAXACA,OAX.	MEXICO	84691	C	PISCO	PERU
64659	C	OBO	CENTRAL AFRICAN REP	72520	C	PITTSBURGH/GREATER PITT.,PA.	USA
33837	CT	ODESSA	USSR	84401	C	PIURA	PERU
31088	CT	OHOTSK	USSR	37050	C	PJATIGORSK	USSR
47815	C	OITA	JAPAN	61990	C	PLAISANCE (MAURITIUS)	MAURITIUS
24688	C	OJMJAKON	USSR	03827	C	PLYMOUTH/MOUNT BATTEN	U KINGDOM
72353	C	OKLAHOMA CITY/W.R.WORLD, OK.	USA	72578	C	POCATELLO/NUM., ID.	USA
24125	CT	OLENEK	USSR	61612	C	PODOR	SENEGAL
72792	C	OLYMPIA, WA.	USA	47138	T	POHANG	REP KOREA
47655	C	OMAEZAKI	JAPAN	20046	TC	POLAR GMD IM.E.T. KRENKELJA	USSR
72553	C	OMAHA, NE.	USA	91348	C	PONAPE, CAROLINE ISLANDS.	USA
28698	CT	OMSK	USSR	08513	C	PONTA DELGADA (ACORES)	PORTUGAL
87016	C	ORAN AERO	ARGENTINA	83702	C	PONTA PORA	BRAZIL
60490	C	ORAN/ES SENIA	ALGERIA	43063	C	POONA	INDIA
35121	CT	ORENBURG	USSR	11952	T	POPRAD/GANOVCE	CZECHOSLOVAKIA
01241	T	ORLAND	NORWAY	11934	C	POPRAD/TATRY	CZECHOSLOVAKIA

# STATION LIST RECENT DATA

43333	CT	PORT BLAIR	INDIA	80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA
68842	CT	PORT ELIZABETH	SOUTH AFRICA	87065	C	RIVADAVIA	ARGENTINA
71109	CT	PORT HARDY,B.C.	CANADA	40438	C	RIYADH	SAUDI ARABIA
94312	CT	PORT HEDLAND AIRPORT	AUSTRALIA	72411	C	ROANOKE/MUN., VA.	USA
94035	C	PORT MORESBY M.O.	PAPUA N GUINEA	65660	C	ROBERTS FIELD	LIBERIA
62641	C	PORT SUDAN	SUDAN	85268	C	ROBORE	BOLIVIA
61998	CT	PORT-AUX-FRANCAISE(ILE KER.)	FRANCE	86565	C	ROCHA	URUGUAY
72606	C	PORTLAND/INT. JET PORT, ME.	USA	72644	C	ROCHESTER/MUN., MN.	USA
72698	C	PORTLAND/INT., OR.	USA	72529	C	ROCHESTER/ROCHESTER-MON., NY.	USA
83967	C	PORTO ALEGRE	BRAZIL	61988	C	RODRIGUES	MAURITIUS
83971	T	PORTO ALEGRE (AEROPORTO)	BRAZIL	16242	C	ROMA/FIUMICINO	ITALY
83064	C	PORTO NACIONAL	BRAZIL	06190	C	RONNE	DENMARK
82825	C	PORTO VELHO	BRAZIL	87480	C	ROSARIO AERO	ARGENTINA
84135	C	PORTO VIEJO-GRANJA	ECUADOR	34731	CT	ROSTOV-NA-DONU	USSR
08546	C	PORTO/SERRA DO PILAR	PORTUGAL	45005	C	ROYAL OBSERVATORY	HONG KONG
87178	C	POSADAS AERO.	ARGENTINA	51777	C	RUOQIANG	CHINA
09379	C	POTSDAM	GERMAN DEM REP	85141	C	RURRENABAQUE	BOLIVIA
12330	CT	POZNAN	POLAND	89001	CT	S.A.N.A.E. STATION	SOUTH AFRICA
48500	C	PRACHUAP KHIRIKHAN	THAILAND	71600	CT	SABLE ISLAND,N.S.	CANADA
11520	CT	PRAHA-LIBUS	CZECHOSLOVAKIA	72483	C	SACRAMENTO/EXECUTIVE, CA.	USA
11518	C	PRAHA/RUZYNE	CZECHOSLOVAKIA	06680	C	SAENTIS	SWITZ. LIECH.
16245	T	PRATICA DI MARE	ITALY	42671	C	SAGAR	INDIA
87149	C	PRES. ROQUE SAENZ PENA AERO	ARGENTINA	44354	C	SAINSHAND	MONGOLIA
68262	C	PRETORIA	SOUTH AFRICA	61980	C	SAINT-DENIS/GILLOT (REUNION)	FRANCE
68263	T	PRETORIA (IRENE)	SOUTH AFRICA	61600	C	SAINT-LOUIS	SENEGAL
71896	CT	PRINCE GEORGE,B.C.	CANADA	08594	T	SAL	CAPE VERDE
72507	C	PROVIDENCE/GREEN STATE, RI.	USA	41316	CT	SALALAH	OMAN
80002	C	PROVIDENCIA (ISLA)	COLOMBIA	23330	CT	SALEHARD	USSR
12695	C	PRZEMYSL	POLAND	72572	C	SALT LAKE CITY/INT., UT.	USA
84515	C	PUCALLPA	PERU	87047	CT	SALTA AERO	ARGENTINA
80457	C	PUERTO AYACUCHO	VENEZUELA	86360	C	SALTO	URUGUAY
80139	C	PUERTO CARRENO	COLOMBIA	83229	C	SALVADOR	BRAZIL
86086	C	PUERTO CASADO	PARAGUAY	11150	C	SALZBURG-FLUGHAFEN	AUSTRIA
87896	C	PUERTO DESEADO AERO	ARGENTINA	35925	C	SAM	USSR
78767	C	PUERTO LIMON	COSTA RICA	17030	CT	SAMSUN	TURKEY
84658	C	PUERTO MALDONADO	PERU	80001	C	SAN ANDRES (ISLA)	COLOMBIA
85799	C	PUERTO MONTT	CHILE	72263	C	SAN ANGELO/MATHIS, TX.	USA
78457	C	PUERTO PLATA	DOMINICAN REP	80447	CT	SAN ANTONIO DEL TACHIRA	VENEZUELA
86248	C	PUERTO PRESIDENTE STROESSNER	PARAGUAY	87784	C	SAN ANTONIO OESTE AERO	ARGENTINA
85299	C	PUERTO SUAREZ	BOLIVIA	72253	C	SAN ANTONIO/INT., TX.	USA
85934	C	PUNTA ARENAS	CHILE	84008	C	SAN CRISTOBAL (GALAPAGOS)	ECUADOR
87596	C	PUNTA INDO B.A.	ARGENTINA	72290	C	SAN DIEGO/LINDBERGH, CA.	USA
78760	C	PUNTARENAS	COSTA RICA	72290	T	SAN DIEGO/MONTGOMERY FLD, CA.	USA
47159	C	PUSAN	REP KOREA	72494	C	SAN FRANCISCO/INT., CA.	USA
47058	CT	PYONGYANG	DPR KOREA	85207	C	SAN IGNACIO DE VELASCO	BOLIVIA
56137	C	QAMDO	CHINA	85104	C	SAN JOAQUIN	BOLIVIA
54857	C	QINGDAO	CHINA	84721	C	SAN JUAN	PERU
50745	C	QIQIHAAR	CHINA	87311	C	SAN JUAN AERO	ARGENTINA
67283	C	QUELIMANE	MOZAMBIQUE	86260	C	SAN JUAN BAUTISTA MISIONES	PARAGUAY
41660	C	QUETTA AIRPORT	PAKISTAN	87909	C	SAN JULIAN AERO	ARGENTINA
80144	C	QUIBDO/EL CARANO	COLOMBIA	87436	C	SAN RAFAEL AERO	ARGENTINA
72797	CT	QUILLAYUTE, WA.	USA	87509	C	SANDSPIT,B.C.	CANADA
82586	C	QUIXERAMOBIM	BRAZIL	71101	C	SANTA ANA	BOLIVIA
94085	C	RABAUL M.O.	PAPUA N GUINEA	85123	C	SANTA CRUZ	BOLIVIA
40362	C	RAFAHA	SAUDI ARABIA	85245	C	SANTA CRUZ AERO	ARGENTINA
72306	C	RALEIGH/RALEIGH-DURHAM, NC.	USA	87912	C	SANTA CRUZ DE TENE- RIFE	SPAIN
93997	C	RAOUL ISLAND, KERMADEC IS.	N ZEALAND	60020	C	SANTA ELENA DE UAIREN	VENEZUELA
91958	CT	RAPA	FRENCH POLY.	80462	C	SANTA MARIA (ACORES)	PORTUGAL
72662	C	RAPID CITY/REG., SD.	USA	08515	C	SANTA MARIA/PUBLIC, CA.	USA
91843	CT	RAROTONGA	N ZEALAND	72394	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA
22602	C	REBOLY	USSR	80009	C	SANTA ROSA AERO	ARGENTINA
82900	CT	RECIFE (CURADO)	BRAZIL	87623	CT	SANTIAGO DEL ESTERO AERO.	ARGENTINA
87270	C	RECONQUISTA AERO	ARGENTINA	87129	C	SANTO DOMINGO	DOMINICAN REP
71863	C	REGINA,SASK.	CANADA	78486	C	SAO FELIX DO XINGU	BRAZIL
72488	C	RENO/INT., NV.	USA	82668	C	SAO LUIZ	BRAZIL
87155	CT	RESISTENCIA AERO.	ARGENTINA	82280	C	SAO PAULO	BRAZIL
71924	CT	RESOLUTE,N.W.T.	CANADA	83781	C	SAO PAULO (AEROPORTO)	BRAZIL
04030	C	REYKJAVIK	ICELAND	83780	T	SAPPORO	JAPAN
85043	C	RIBERALTA	BOLIVIA	47412	CT	SARAJEVO	YUGOSLAVIA
72401	C	RICHMOND/BYRD, VA.	USA	13354	C	SARATOV	USSR
91948	C	RIKITEA	FRENCH POLY.	34172	CT	SARGODHA	PAKISTAN
87736	C	RIO COLORADO	ARGENTINA	41594	T	SAULT STE. MARIE, MI.	USA
87453	C	RIO CUARTO AERO	ARGENTINA	72734	C	SAVANNAH/MUNICIPAL, GA.	USA
83743	C	RIO DE JANEIRO	BRAZIL	72207	C	SAVE	BENIN
87925	C	RIO GALLEGOS AERO	ARGENTINA	65335	C	SCHLESWIG	GERMANY, FED REP
87934	C	RIO GRANDE B.A.	ARGENTINA	10035	CT		

# STATION LIST RECENT DATA

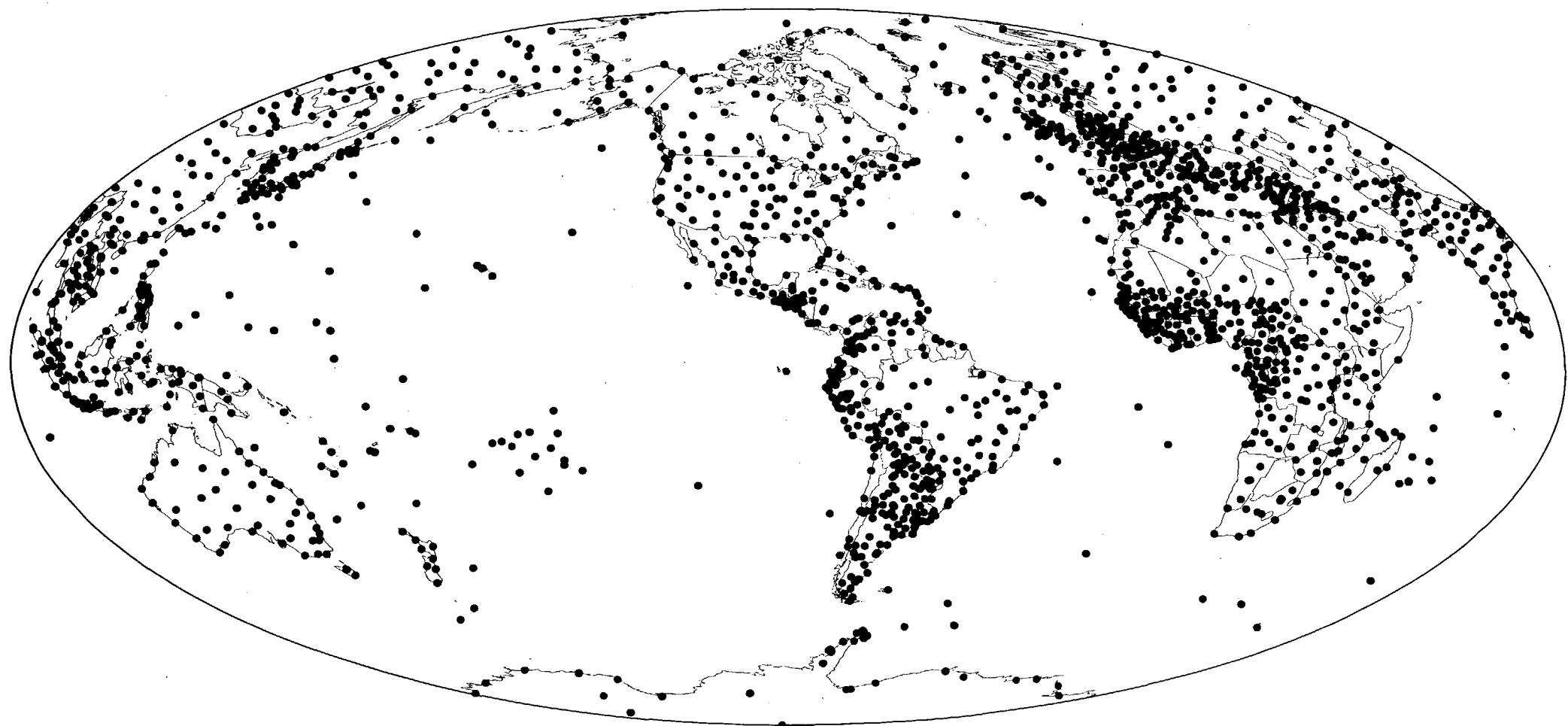
04339	T	SCORESBYSUND	DENMARK	41268	C	SUR	OMAN
72793	C	SEATTLE/S.-TACOMA, WA.	USA	96933	C	SURABAYA/PERAK	INDONESIA
62124	C	SEBHA	LIBYAN ARAB JAMAHIRIYA	98653	C	SURIGAO	PHILIPPINES
41256	CT	SEE8, INTERNATIONAL AIRPORT	OMAN	01008	C	SVALBARD LUFTHAVN	NORWAY
61272	C	SEGOU	MALI	28440	CT	SVERDLOVSK	USSR
25703	CT	SEJMCAK	USSR	94767	C	SYDNEY AIRPORT	AUSTRALIA
36177	C	SEMIPALATINSK	USSR	71707	C	SYDNEY, N.S.	CANADA
47590	CT	SENDAI	JAPAN	23804	CT	SYKTYVKAR	USSR
62762	C	SENNAR	SUDAN	41891	C	SYLHET	BANGLADESH
71811	CT	SEPT-ILES, QUE.	CANADA	89532	CT	SYOWA	JAPAN
61976	C	SERGE-FROLOW (ILE TROMELIN)	FRANCE	72519	C	SYRACUSE/HANCOCK, NY.	USA
60445	C	SETIF	ALGERIA	12205	C	SZCZECIN	POLAND
08390	C	SEVILLA/TABLADA	SPAIN	12982	CT	SZEGED	HUNGARY
63985	T	SEYCHELLES IAP.(RAW. STN)	SEYCHELLES	65380	C	TABLIGBO	TOGO
63980	C	SEYCHELLES INT. AIRPORT	SEYCHELLES	63832	C	TABORA AIRPORT	U REP TANZANIA
58367	CT	SHANGHAI	CHINA	40375	CT	TABUK	SAUDI ARABIA
03962	C	SHANNON AIRPORT	IRELAND	98550	C	TACLOBAN	PHILIPPINES
59316	C	SHANTOU	CHINA	84782	C	TACNA	PERU
41136	C	SHARURAH	SAUDI ARABIA	98644	C	TAGBILARAN	PHILIPPINES
71601	C	SHEARWATER,N.S.	CANADA	91938	CT	TAHITI-FAAA	FRENCH POLY.
71399	T	SHELBYNE, N.S.	CANADA	61043	C	TAHOUA	NIGER
70414	T	SHEMYA AFB, AK.	USA	58968	T	TAIBEI	CHINA
54342	C	SHENYANG	CHINA	41036	C	TAIF	SAUDI ARABIA
72666	C	SHERIDAN/COUNTY, WY.	USA	53772	C	TAIYUAN	CHINA
47898	C	SHIMIZU/ASHIZURI	JAPAN	91943	C	TAKAROA	FRENCH POLY.
47778	CT	SHIONOMISAKI	JAPAN	84390	C	TALARA	PERU
40848	C	SHIRAZ	IRAN, ISLAMIC REP	72214	C	TALLAHASSEE/MUN., FL.	USA
72248	C	SHREVEPORT/REG., LA.	USA	26038	C	TALLIN	USSR
15260	C	SIBIU	ROMANIA	60680	CT	TAMANRASSET	ALGERIA
61297	C	SIKASSO	MALI	67095	C	TAMATAVE	MADAGASCAR
33946	C	SIMFEROPOL'	USSR	61687	C	TAMBACOUNDA	SENEGAL
32195	C	SIMUSIR	USSR	38413	C	TAMDY	USSR
48698	CT	SINGAPORE/CHANGI AIRPORT	SINGAPORE	72211	C	TAMPA/INT., FL.	USA
47035	C	SINUIJU	DPR KOREA	76548	C	TAMPICO, TAMPS	MEXICO
72557	C	SIOUX CITY/MUN., IA.	USA	87645	C	TANDIL AERO	ARGENTINA
72651	C	SIOUX FALLS/FOSS FIELD, SD.	USA	84455	C	TARAPOTO	PERU
17090	C	SIVAS	TURKEY	91610	CT	TARAWA	N ZEALAND
60355	C	SKIKDA	ALGERIA	23552	C	TARKO-SALE	USSR
13586	C	SKOPJE-PETROVAC	YUGOSLAVIA	38457	CT	TASKENT	USSR
11903	C	SLIAC	CZECHOSLOVAKIA	47646	T	TATENO	JAPAN
76845	C	SN.CRISTOBAL LAS CASAS, CHIS	MEXICO	96481	T	TAWAU	MALAYSIA
02836	CT	SODANKYLA	FINLAND	37549	CT	TBILISI	USSR
15614	CT	SOFIA (OBSERV.)	BULGARIA	40754	CT	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
65361	C	SOKODE	TOGO	56739	C	TENGCHONG	CHINA
63962	C	SONGEA	U REP TANZANIA	89053	C	TENIENTE JUBANY E.C.	ARGENTINA
48568	CT	SONGKHLA	THAILAND	94238	C	TENNANT CREEK AIRPORT	AUSTRALIA
11146	C	SONNBLICK	AUSTRIA	67261	C	TETE	MOZAMBIQUE
16746	C	SOUDA	GREECE	71867	CT	THE PAS, MAN.	CANADA
72535	C	SOUTH BEND/ST. JOSEPH CO., IN.	USA	16622	C	THESSALONIKI/MIKRA	GREECE
13334	C	SPLIT/MARJAN	YUGOSLAVIA	06011	CT	THORSHAVN	DENMARK
72785	CT	SPOKANE/INT., WA.	USA	41314	C	THUMRAIT	OMAN
72439	C	SPRINGFIELD/CAPITAL, IL.	USA	94175	C	THURSDAY ISLAND	AUSTRALIA
72440	C	SPRINGFIELD/MUN., MO.	USA	60511	C	TIARET	ALGERIA
42027	CT	SRINAGAR	INDIA	61450	C	TIDJIKJA	MAURITANIA
61986	C	ST. BRANDON (ST. RAPHAEL)	MAURITIUS	61036	C	TILLABERY	NIGER
72655	T	ST. CLOUD/WHITNEY, MN.	USA	81002	C	TIMEHRI	GUYANA
61901	CT	ST. HELENA IS.	U KINGDOM	60607	C	TIMIMOUN	ALGERIA
72434	C	ST. LOUIS/LAMBERT, ST., MO.	USA	15247	C	TIMISOARA	ROMANIA
70308	C	ST. PAUL, AK.	USA	60656	C	TINDOUF	ALGERIA
11028	C	ST. POELTEN	AUSTRIA	84534	C	TINGO MARIA	PERU
71801	T	ST. JOHN'S, NFLD.	CANADA	03100	C	TIREE	U KINGDOM
83997	C	ST. VITORIA DO PALMAR	BRAZIL	13462	C	TITOGRAD/GOLUBOVCI	YUGOSLAVIA
01415	CT	STAVANGER/SOLA	NORWAY	60531	C	TLEMCEN (ZENATA)	ALGERIA
71815	TC	STEPHENVILLE, NFLD	CANADA	28275	C	TOBOL'SK	USSR
02464	C	STOCKHOLM/BROMMA	SWEDEN	47662	C	TOKYO	JAPAN
02465	T	STOCKHOLM/BROMMA	SWEDEN	72536	C	TOLEDO/EXPRESS, OH.	USA
03026	CT	STORNOWAY	U KINGDOM	61223	C	TOMBOUCTOU	MALI
07190	C	STRASBOURG	FRANCE	72456	C	TOPEKA/MUN., KS.	USA
10739	CT	STUTTGART/SCHNARRENBERG	GERMANY, FED REP	71624	C	TORONTO INT.AIRPORT ONT.	CANADA
85283	C	SUCRE	BOLIVIA	76382	C	TORREON, COAH.	MEXICO
41062	C	SULAYEL	SAUDI ARABIA	60555	C	TOUGGOURT	ALGERIA
15360	C	SULINA	ROMANIA	07630	C	TOULOUSE/BLAGNAC	FRANCE
72429	T	SULPHUR GROVE, OH.	USA	94294	CT	TOWNSVILLE AIRPORT	AUSTRALIA
97260	C	SUMBAWA BESAR/SUMBAWA BESAR	INDONESIA	16429	CT	TRAPANI/BIRGI	ITALY
02365	T	SUNDSVALL-HARNOSAND FLYGPLAT	SWEDEN	07145	T	TRAPPES	FRANCE
24738	C	SUNTAR	USSR	86500	C	TREINTA Y TRES	URUGUAY

# STATION LIST RECENT DATA

87828	C	TRELEW AERO	ARGENTINA	47401	CT	WAKKANAI	JAPAN
87688	C	TRES ARROYOS	ARGENTINA	09170	C	WARNEMUENDE	GERMAN DEM REP
83618	C	TRES LAGOAS	BRAZIL	12375	C	WARSZAWA-OKECIE	POLAND
16110	C	TRIESTE	ITALY	72405	C	WASHINGTON/NAT., VA.	USA
43418	C	TRINCOMALEE	SRI LANKA	72403	T	WASHINGTON/STERLING, VA.	USA
83650	T	TRINDADE (ILHA)	BRAZIL	40400	C	WEJH	SAUDI ARABIA
85154	C	TRINIDAD	BOLIVIA	93434	C	WELLINGTON	N ZEALAND
62010	C	TRIPOLI INTER- NATIONAL AIRP	LIBYAN ARAB JAMAHIRI	72203	C	WEST PALM BEACH/INT., FL.	USA
43371	CT	TRIVANDRUM	INDIA	71964	CT	WHITEHORSE, Y.T.	CANADA
01025	C	TROMSO/LANGNES	NORWAY	72450	C	WICHITA, KS.	USA
84501	C	TRUJILLO	PERU	61902	T	WIDE AWAKE FIELD (ASCEN.IS)	USA
91334	CT	TRUK, CAROLINE IS.	USA	11035	CT	WIEN/HOHE WARTE	AUSTRIA
91954	C	TUBuai	FRENCH POLY.	72513	C	WILKES-BARRE-SCRANTON, PA.	USA
72274	C	TUCSON/INT., AZ.	USA	94776	CT	WILLIAMTOWN AERODROME	AUSTRALIA
87121	C	TUCUMAN AERO	ARGENTINA	94299	CT	WILLIS ISLAND	AUSTRALIA
98233	C	TUGUEGARAO	PHILIPPINES	72767	C	WILLISTON/SLOULIN FIELD, ND.	USA
67161	C	TULEAR	MADAGASCAR	72583	C	WINNEMUCCA/MUN., NV.	USA
72356	C	TULSA/INT., OK.	USA	71852	C	WINNIPEG INT.AIRPORT, MAN	CANADA
80337	C	TUMACO/EL MIRA	COLOMBIA	12497	C	WLODAWA	POLAND
84370	C	TUMBES	PERU	47055	C	WONSAN	DPR KOREA
60715	C	TUNIS CARTHAGE	TUNISIA	94659	CT	WOOMERA AERODROME	AUSTRALIA
24507	CT	TURA	USSR	12425	T	WROCLAW I	POLAND
40356	C	TURAIF	SAUDI ARABIA	12424	C	WROCLAW II	POLAND
35358	C	TURGAJ	USSR	57036	C	XI'AN	CHINA
02972	C	TURKU	FINLAND	56571	C	XICHANG	CHINA
23472	CT	TURUHANSK	USSR	85365	C	YACUIBA	BOLIVIA
48407	T	UBON RATCHATHANI	THAILAND	72781	C	YAKIMA/YAKIMA AIR TERM., WA.	USA
06447	CT	UCCLE	BELGIUM	70361	CT	YAKUTAT, AK.	USA
16045	C	UDINE/RIVOLT	ITALY	64661	C	YALINGA	CENTRAL AFRICAN REP
48354	C	UDON THANI	THAILAND	54292	C	YANJI	CHINA
44292	C	ULAN-BATOR	MONGOLIA	64950	C	YAOUNDE	REP CAMEROON
44212	C	ULAN-GOM	MONGOLIA	91413	C	YAP, CAROLINE IS.	USA
44214	C	ULGI	MONGOLIA	40439	C	YENBO	SAUDI ARABIA
44272	C	ULIATSTAI	MONGOLIA	57461	C	YICHANG	CHINA
76225	C	UNIV. DE CHIHUAHUA, CHIH.	MEXICO	53614	C	YINCHUN	CHINA
68424	CT	UPINGTON	SOUTH AFRICA	51431	C	YINING	CHINA
47426	C	URAKAWA	JAPAN	47744	CT	YONAGO	JAPAN
17270	C	URFA	TURKEY	72525	C	YOUNGSTOWN, OH.	USA
51463	CT	URUMQI	CHINA	84425	C	YURIMAGUAS	PERU
87938	C	USHUAIA B.A.	ARGENTINA	76525	C	ZACATECAS,ZAC.ILA BUFA,ZACI	MEXICO
30635	C	UST'-BARGUZIN	USSR	13129	C	ZAGREB/GRIC	YUGOSLAVIA
25325	C	UST'-OLOJ	USSR	13130	T	ZAGREB/MAKSIMIR	YUGOSLAVIA
02911	C	VAASA	FINLAND	98836	C	ZAMBOANGA	PHILIPPINES
85766	C	VALDIVIA	CHILE	81225	C	ZANDERIJ	SURINAME
03953	CT	VALENTIA OBSERVATORY	IRELAND	08160	C	ZARAGOZA/AEROPUERTO	SPAIN
08141	C	VALLADOLID	SPAIN	57083	C	ZHENGZHOU	CHINA
03302	C	VALLEY	U KINGDOM	57745	C	ZHIJIANG	CHINA
71892	C	VANCOUVER INT. AIRPORT, BC	CANADA	41620	C	ZHOB	PAKISTAN
01098	C	VARDO	NORWAY	61695	C	ZIGUINCHOR	SENEGAL
15552	C	VARNA	BULGARIA	61090	C	ZINDER	NIGER
26477	C	VELIKIE LUKI	USSR	10961	C	ZUGSPITZE	GERMANY, FED REP
16105	C	VENEZIA/TESSERA	ITALY	06660	C	ZURICH (TOWN/VILLE).	SWITZ. LIECH.
42909	C	VERVAL	INDIA	25400	C	ZYRJANKA	USSR
24266	CT	VERHOJANSK	USSR				
71115	T	VERNON,B.C.	CANADA				
16090	C	VERONA/VILLA FRANCA	ITALY				
72255	C	VICTORIA/VICTORIA REG., TX.	USA				
87791	C	VIEDMA AERO	ARGENTINA				
83208	C	VILHENIA	BRAZIL				
24641	C	VILJUJSK	USSR				
87328	C	VILLA DOLORES AERO	ARGENTINA				
87448	C	VILLA REYNOLDS AERO	ARGENTINA				
86233	C	VILLARRICA	PARAGUAY				
80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA				
02590	C	VISBY FLYGPLATS	SWEDEN				
43149	C	VISHAKHAPATNAM	INDIA				
31960	CT	VLADIVOSTOK	USSR				
27037	CT	VOLOGDA	USSR				
34122	C	VORONEZ	USSR				
22837	C	VYTEGRA	USSR				
72256	C	WACO,MADISON-COOPER, TX.	USA				
62751	C	WAD MEDANI	SUDAN				
03377	C	WADDINGTON	U KINGDOM				
94910	CT	WAGGA AIRPORT	AUSTRALIA				
97340	C	WAINGAPU/MAU HAU	INDONESIA				
47600	CT	WAJIMA	JAPAN				

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- \* Research and Development
- \* Public Utilities
- \* Government Agencies
- \* Attorneys
- \* Construction
- \* Consultants
- \* Insurance Companies
- \* Colleges and Universities
- \* Energy

HOURLY  
PRECIPITATION DATA  
ARIZONA

DECEMBER  
WITH ANNUAL SUPPLEMENT

HOURLY  
PRECIPITATION DATA  
ARIZONA

VOLUME 35 NUMBER



CLIMATOLOGICAL DATA  
ANNUAL SUMMARY  
ARIZONA

NUMBER 13

CLIMATOLOGICAL DATA  
ARIZONA

ISSN 0145-0307

LOCAL  
CLIMATOLOGICAL DATA  
Monthly Summary

STATION IDENTIFICATION NO.	NAME	CITY	STATE	LATITUDE	LONGITUDE	ELEVATION	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		
							TEMPERATURE (°F)	RHUMIDITY (%)																							

LOCAL CLIMATOLOGICAL DATA  
ANNUAL SUMMARY WITH COMPARATIVE DATA  
TUCSON,  
ARIZONA

ISSN 0145-0300

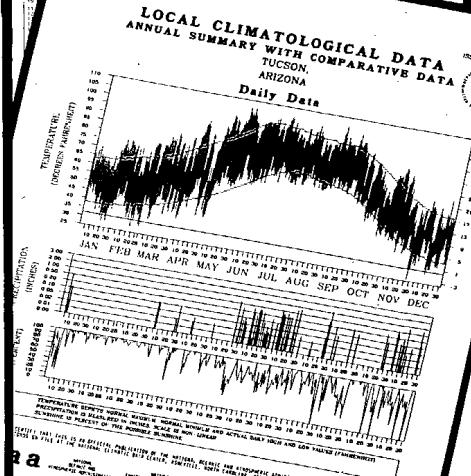
STORM DATA



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Bernard O. Hansen  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

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COVER: The cover maps are long term means analyzed on a miller cylindrical projection of the world. They were prepared by U. S. National Climatic Data Center personnel from a variety of sources, including data from Monthly Climatic Data for the World and ship reports exchanged under WMO Res. 35 (Cg-IV). Since it was not possible to select all data for the same years of record, maps do not represent a "Standard Normal" period, but are generally representative of conditions during 1950's to mid-1970's. However, some ship data as early as the 1850's and land data from the 1890's to 1950's were used to help fill data gaps. The appropriate month's analysis will be shown in each issue. Since the scale is small, these maps can be used only for generalizations over large areas. If detailed statistics are needed, summaries of finer resolution should be used.

National Climatic Data Center  
January 1987

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